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INFORMAL TECHNICAL INFORMATION REPORT

AIR FORCE PLANT 78, BRIGHAM CITY, UTAH

**Prepared by:
HUNTER ENVIRONMENTAL SERVICES, INC.
DENVER, COLORADO**

April 1989

DRAFT REPORT

**Prepared for:
Captain Isaac Atkins, Jr.
OEHL TECHNICAL PROGRAM MANAGER
TECHNICAL SERVICES (TS) DIVISION
Brooks Air Force Base, Texas 78235-5501**

**U.S. AIR FORCE
OCCUPATIONAL AND ENVIRONMENTAL HEALTH LABORATORY (USAFOEHL)
Brooks Air Force Base, Texas 78235-5501**

AQM01-03-0433

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**INSTALLATION RESTORATION PROGRAM
PHASE II - CONFIRMATION/QUANTIFICATION
STAGE 2**

**INFORMAL TECHNICAL INFORMATION REPORT
U.S. AIR FORCE PLANT 78, BRIGHAM CITY, UTAH**

APRIL 1989

DRAFT REPORT

**Prepared By:
HUNTER ENVIRONMENTAL SERVICES, INC.
Englewood, Colorado**

**USAF Contract No. F33615-87-D-4016
Hunter Contract No. 89946**

**Captain Isaac Atkins, Jr.
OEHL Technical Program Manager
Technical Services Manager**

**USAF OCCUPATIONAL AND ENVIRONMENTAL HEALTH LABORATORY (USAFOEHL)
TECHNICAL SERVICES DIVISION (TS)
BROOKS AIR FORCE BASE, TEXAS 78235-5501**

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SOIL ANALYSIS
8010/8020, TOTAL HYDROCARBONS

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-S
ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

PAGE 1

		SAMPLE ID/#					
METERS	UNITS	STORET METHOD	NDDDB1A	NDDDB1B	NDDDB1C	NDDDB1D	NDDSS1
			P78-S 1	P78-S 2	P78-S 3	P78-S 4	P78-S 8
DATE			12/01/88	12/01/88	12/02/88	12/05/88	12/01/88
TIME			15:00	16:52	14:30	12:50	15:40
BENZENE		34237	<0.195	<0.189	<0.178	<0.194	<0.192
MG/KG-DRY		ADPI					
TOLUENE		34483	<0.279	<0.270	<0.254	<0.278	<0.274
MG/KG-DRY		ADPI					
CHLOROBENZENE		34304	<0.279	<0.270	<0.254	<0.278	<0.274
MG/KG-DRY		ADPI					
ETHYLBENZENE		34374	<0.279	<0.270	<0.254	<0.278	<0.274
MG/KG-DRY		ADPI					
BROMOBENZENE		97036	<1.39	<1.35	<1.27	<1.39	<1.37
MG/KG-DRY		ADPI					
XYLENES, TOTAL		45510	<0.558	<0.539	<0.508	<0.555	<0.548
MG/KG-DRY		ADPI					
DICHLOROBENZENE, TOT.		98578	<0.558	<0.539	<0.508	<0.555	<0.548
MG/KG-DRY		ADPI					
METHYLCHLORIDE		34421	<0.112	<0.108	<0.102	<0.111	<0.110
MG/KG-DRY		ADHA					
METHYL BROMIDE		34416	<1.7	<1.6	<1.5	<1.7	<1.6
MG/KG-DRY		ADHA					
DICHLORODIFLUOROMETH		34334	<2.51	<2.43	<2.29	<2.50	<2.47
ANE		ADHA					
VINYL CHLORIDE		34495	<0.056	<0.054	<0.051	<0.056	<0.055
MG/KG-DRY		ADHA					
CHLOROETHANE		34314	<0.836	<0.809	<0.102	<0.833	<0.823
MG/KG-DRY		ADHA					
ETHYLENE CHLORIDE		34426	<0.558	<0.539	<0.508	<0.555	<0.548
MG/KG-DRY		ADHA					
TRICHLOROFLUOROMETHA		34491	<1.39	<1.35	<0.508	<1.39	<1.37
NE		ADHA					
1,1-DICHLOROETHENE		34504	<0.195	<0.189	<0.102	<0.194	<0.192
MG/KG-DRY		ADHA					
1,1 DICHLOROETHANE		34499	<0.112	<0.108	<0.051	<0.111	<0.110
MG/KG-DRY		ADHA					
TRANS-1,2-DICHLOROET		34549	<0.139	<0.135	<0.127	<0.139	<0.137
HENE		ADHA					
CHLOROFORM		34318	<0.056	<0.054	<0.051	<0.056	<0.055
MG/KG-DRY		ADHA					
1,2-DICHLOROETHANE		34534	<0.056	<0.054	<0.051	<0.056	<0.055
MG/KG-DRY		ADHA					
DIBROMOETHANE		78756	<1.39	<1.35	<1.27	<1.39	<1.37
MG/KG-DRY		ADHA					
1,1,1-TRICHLOROETHAN		34509	<0.056	<0.054	<0.051	<0.056	<0.055
E		ADHA					
CARBON TETRACHLORIDE		34299	<0.167	<0.162	<0.152	<0.167	<0.165
MG/KG-DRY		ADHA					
BROMODICHLOROMETHANE		34330	<0.139	<0.135	<0.127	<0.139	<0.137
MG/KG-DRY		ADHA					
1,2,-DICHLOROPROPANE		34544	<0.056	<0.054	<0.051	<0.056	<0.055
MG/KG-DRY		ADHA					
T-1,3-DICHLOROPROPEN		34697	<0.558	<0.539	<0.508	<0.555	<0.548
E		ADHA					
TRICHLOROETHYLENE		34487	<0.167	<0.162	<0.152	<0.167	<0.165
MG/KG-DRY		ADHA					

Hunter/ESE, Inc.
 PROJECT NUMBER FREE
 FIELD GROUP P78-S
 ALL

DATE 03/27/89 STATUS :
 PROJECT NAME PLANT 78 SOILS
 PROJECT MANAGER CHRIS DREIER
 LAB COORDINATOR ANGELA BURCH

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PARAMETERS UNITS	STORET METHOD	SAMPLE ID/#				
		NDDDB1A P78-S 1	NDDDB1B P78-S 2	NDDDB1C P78-S 3	NDDDB1D P78-S 4	NDDSS1 P78-S 8
DATE		12/01/88	12/01/88	12/02/88	12/05/88	12/01/88
TIME		15:00	16:52	14:30	12:50	15:40
DIBROMOCHLOROMETHANE	34309	<0.14	<0.13	<0.13	<0.14	<0.14
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.558	<0.539	<0.508	<0.555	<0.548
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.028	<0.027	<0.025	<0.028	<0.027
NE	ADHA					
2-CHLOROETHYLVINYL E	34579	<0.195	<0.189	<0.178	<0.194	<0.192
THER	ADHA					
BROMOFORM	34290	<0.279	<0.270	<0.254	<0.278	<0.274
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.39	<1.35	<1.27	<1.39	<1.37
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.167	<0.162	<0.152	<0.167	<0.165
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.056	<0.054	<0.051	<0.056	<0.055
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.056	<0.054	<0.051	<0.056	<0.055
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.279	<0.270	<0.254	<0.278	<0.274
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.39	<1.35	<1.27	<1.39	<1.37
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.39	<1.35	<1.27	<1.39	<1.37
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.558	<0.539	<0.508	<0.555	<0.548
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<21.6	<21.4	<19.8	<20.4	<19.8
MG/KG-DRY	AD					

Hunter/ESE, Inc.
PROJECT NUMBER FREE
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ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		NDDSS2 P78-S 9	NDDSB1A P78-S 10	NDDSB1B P78-S 11	NDDSB2A P78-S 12	NDDSB2B P78-S 13
DATE		12/01/88	12/09/88	12/09/88	12/09/88	12/09/88
TIME		16:21	12:15	13:10	10:00	10:30
BENZENE	34237	<0.227	<0.176	<0.194	<0.192	<0.190
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.325	<0.251	<0.276	<0.274	<0.271
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.325	<0.251	<0.276	<0.274	<0.271
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.325	<0.251	<0.276	<0.274	<0.271
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<1.62	<1.26	<1.38	<1.37	<1.36
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.649	<0.502	<0.553	<0.547	<0.543
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.649	<0.502	<0.553	<0.547	<0.543
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.130	<0.101	<0.111	<0.109	<0.109
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<1.9	<1.5	<1.7	<1.6	<1.6
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<2.92	<2.26	<2.49	<2.46	<2.44
ANE	ADHA					
VINYL CHLORIDE	34495	<0.065	<0.050	<0.055	<0.055	<0.054
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.974	<0.101	<0.111	<0.109	<0.109
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.649	<0.628	0.911	0.887	<0.678
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<1.62	<1.26	<1.38	<1.37	<1.36
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.227	<0.101	<0.111	<0.109	<0.109
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.130	<0.050	<0.055	<0.055	<0.054
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.162	<0.126	<0.138	<0.137	<0.136
HENE	ADHA					
CHLOROFORM	34318	<0.065	<0.050	<0.055	<0.055	<0.054
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.065	<0.073	<0.080	<0.079	<0.079
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.62	<1.26	<1.38	<1.37	<1.36
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.065	<0.653	<0.719	<0.711	<0.705
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.195	<0.151	<0.166	<0.164	<0.163
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.162	<0.126	<0.138	<0.137	<0.136
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.065	<0.050	<0.055	<0.055	<0.054
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.649	<0.502	<0.553	<0.547	<0.543
E	ADHA					
TRICHLOROETHYLENE	34487	<0.195	<0.151	<0.166	<0.164	<0.163
MG/KG-DRY	ADHA					

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-S
ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		NDDSS2 P78-S 9	NDDSB1A P78-S 10	NDDSB1B P78-S 11	NDDSB2A P78-S 12	NDDSB2B P78-S 13
DATE		12/01/88	12/09/88	12/09/88	12/09/88	12/09/88
TIME		16:21	12:15	13:10	10:00	10:30
DIBROMOCHLOROMETHANE	34309	<0.16	<0.13	<0.14	<0.14	<0.14
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.649	<0.502	<0.553	<0.547	<0.543
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.033	<0.025	<0.028	<0.027	<0.027
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.227	<0.176	<0.194	<0.192	<0.190
THER	ADHA					
BROMOFORM	34290	<0.325	<0.251	<0.276	<0.274	<0.271
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.62	<1.26	<1.38	<1.37	<1.36
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.195	<0.151	<0.166	<0.164	<0.163
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.065	<0.050	<0.055	<0.055	<0.054
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.065	<0.050	<0.055	<0.055	<0.054
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.325	<0.251	<0.276	<0.274	<0.271
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.62	<1.26	<1.38	<1.37	<1.36
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.62	<1.26	<1.38	<1.37	<1.36
MG/KG-DRY	ADHA					
1-CHLOROBENZENE, TOT.	98578	<0.649	<0.502	<0.553	<0.547	<0.543
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	59.3	<18.9	<22.6	45.7	<18.9
MG/KG-DRY	AD					

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-S
ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		NDDSB3A P78-S 14	NDDSB3B P78-S 15	NDDSB4A P78-S 16	NDDSB4B P78-S 17	NDDSB5A P78-S 18
DATE		12/10/88	12/10/88	12/10/88	12/10/88	12/12/88
TIME		10:15	10:55	13:56	14:40	12:15
BENZENE	34237	<0.178	<0.210	<0.186	<0.218	<0.183
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.254	<0.300	<0.265	<0.311	<0.261
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.254	<0.300	<0.265	<0.311	<0.261
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.254	<0.300	<0.265	<0.311	<0.261
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<1.27	<1.50	<1.33	<1.55	<1.30
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.509	<0.599	<0.530	<0.622	<0.521
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.509	<0.599	<0.530	<0.622	<0.521
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.102	<0.120	<0.106	<0.124	<0.104
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<1.5	<1.8	<1.6	<1.9	<1.6
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<2.29	<2.70	<2.39	<2.80	<2.35
ANE	ADHA					
VINYL CHLORIDE	34495	<0.051	<0.060	<0.053	<0.062	<0.052
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.102	<0.120	<0.106	<0.124	<0.104
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.636	<0.749	<0.663	<0.777	<0.652
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<1.27	<1.50	<1.33	<1.55	<1.30
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.102	<0.120	<0.106	<0.124	<0.104
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.051	<0.060	<0.053	<0.062	<0.052
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.127	<0.150	<0.133	<0.155	<0.130
HENE	ADHA					
CHLOROFORM	34318	<0.051	<0.060	<0.053	<0.062	<0.052
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.074	<0.087	<0.077	<0.090	<0.076
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.27	<1.50	<1.33	<1.55	<1.30
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.661	<0.779	<0.689	<0.808	<0.678
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.153	<0.180	<0.159	<0.187	<0.156
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.127	<0.150	<0.133	<0.155	<0.130
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.051	<0.060	<0.053	<0.062	<0.052
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.509	<0.599	<0.530	<0.622	<0.521
E	ADHA					
TRICHLOROETHYLENE	34487	<0.153	<0.180	<0.159	<0.187	<0.156
MG/KG-DRY	ADHA					

Hunter/ESE, Inc.
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ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		NDDSB3A P78-S 14	NDDSB3B P78-S 15	NDDSB4A P78-S 16	NDDSB4B P78-S 17	NDDSB5A P78-S 18
DATE		12/10/88	12/10/88	12/10/88	12/10/88	12/12/88
TIME		10:15	10:55	13:56	14:40	12:15
DIBROMOCHLOROMETHANE	34309	<0.13	<0.15	<0.13	<0.16	<0.13
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.509	<0.599	<0.530	<0.622	<0.521
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.025	<0.030	<0.027	<0.031	<0.026
NE	ADHA					
2-CHLOROETHYLVINYL E	34579	<0.178	<0.210	<0.186	<0.218	<0.183
THER	ADHA					
BROMOFORM	34290	<0.254	<0.300	<0.265	<0.311	<0.261
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.27	<1.50	<1.33	<1.55	<1.30
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.153	<0.180	<0.159	<0.187	<0.156
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.051	<0.060	<0.053	<0.062	<0.052
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.051	<0.060	<0.053	<0.062	<0.052
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.254	<0.300	<0.265	<0.311	<0.261
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.27	<1.50	<1.33	<1.55	<1.30
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.27	<1.50	<1.33	<1.55	<1.30
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.509	<0.599	<0.530	<0.622	<0.521
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<19.6	<23.0	<20.7	<21.3	<20.7
MG/KG-DRY	AD					

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PARAMETERS	STORET METHOD	SAMPLE ID/#				
		NDDSB5B P78-S 19	NDDSB6A P78-S 20	NDDSB6B P78-S 21	NDDSB7A P78-S 22	NDDSB7B P78-S 23
UNITS						
DATE		12/12/88	12/10/88	12/10/88	12/09/88	12/09/88
TIME		12:50	11:50	12:35	14:40	17:50
BENZENE	34237	<0.186	<0.187	<0.190	<0.181	<0.217
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.265	<0.267	<0.272	<0.259	<0.310
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.265	<0.267	<0.272	<0.259	<0.310
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.265	<0.267	<0.272	<0.259	<0.310
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<1.33	<1.33	<1.36	<1.30	<1.55
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.530	<0.534	<0.544	<0.518	<0.619
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.530	<0.534	<0.544	<0.518	<0.619
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.106	<0.107	<0.109	<0.104	<0.124
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<1.6	<1.6	<1.6	<1.6	<1.9
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<2.39	<2.40	<2.45	<2.33	<2.79
ANE	ADHA					
VINYL CHLORIDE	34495	<0.053	<0.053	<0.054	<0.052	<0.062
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.106	<0.107	<0.109	<0.104	<0.124
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.663	<0.667	<0.680	<0.648	<0.774
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<1.33	<1.33	<1.36	<1.30	<1.55
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.106	<0.107	<0.109	<0.104	<0.124
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.053	<0.053	<0.054	<0.052	<0.062
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.133	<0.133	<0.136	<0.130	<0.155
HENE	ADHA					
CHLOROFORM	34318	<0.053	<0.053	<0.054	<0.052	<0.062
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.077	<0.077	<0.079	<0.075	<0.090
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.33	<1.33	<1.36	<1.30	<1.55
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.689	<0.694	<0.707	<0.674	<0.805
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.159	<0.160	<0.163	<0.156	<0.186
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.133	<0.133	<0.136	<0.130	<0.155
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.053	<0.053	<0.054	<0.052	<0.062
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.530	<0.534	<0.544	<0.518	<0.619
E	ADHA					
TRICHLOROETHYLENE	34487	<0.159	<0.160	<0.163	<0.156	<0.186
MG/KG-DRY	ADHA					

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PARAMETERS		SAMPLE ID/#				
UNITS	STORET METHOD	NDDSB5B	NDDSB6A	NDDSB6B	NDDSB7A	NDDSB7B
		P78-S 19	P78-S 20	P78-S 21	P78-S 22	P78-S 23
DATE		12/12/88	12/10/88	12/10/88	12/09/88	12/09/88
TIME		12:50	11:50	12:35	14:40	17:50
DIBROMOCHLOROMETHANE	34309	<0.13	<0.13	<0.14	<0.13	<0.15
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.530	<0.534	<0.544	<0.518	<0.619
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.027	<0.027	<0.027	<0.026	<0.031
NE	ADHA					
2-CHLOROETHYLVINYL E	34579	<0.186	<0.187	<0.190	<0.181	<0.217
THER	ADHA					
BROMOFORM	34290	<0.265	<0.267	<0.272	<0.259	<0.310
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.33	<1.33	<1.36	<1.30	<1.55
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.159	<0.160	<0.163	<0.156	<0.186
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.053	<0.053	<0.054	<0.052	<0.062
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.053	<0.053	<0.054	<0.052	<0.062
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.265	<0.267	<0.272	<0.259	<0.310
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.33	<1.33	<1.36	<1.30	<1.55
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.33	<1.33	<1.36	<1.30	<1.55
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.530	<0.534	<0.544	<0.518	<0.619
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<21.1	<20.8	<18.9	<20.6	<23.5
MG/KG-DRY	AD					

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METERS	UNITS	STORET METHOD	SAMPLE ID/#				
			E512B1A P78-S 24	E512B1B P78-S 25	E512B1C P78-S 26	E512B1D P78-S 27	E512B1E P78-S 28
DATE			12/14/88	12/14/88	12/14/88	12/15/88	12/15/88
TIME			12:50	15:35	17:25	12:15	16:10
BENZENE		34237	<0.185	<0.175	<0.154	<0.158	<0.157
	MG/KG-DRY	ADPI					
TOLUENE		34483	<0.264	<0.250	<0.220	<0.226	<0.225
	MG/KG-DRY	ADPI					
CHLOROBENZENE		34304	<0.264	<0.250	<0.220	<0.226	<0.225
	MG/KG-DRY	ADPI					
ETHYLBENZENE		34374	<0.264	<0.250	<0.220	<0.226	<0.225
	MG/KG-DRY	ADPI					
BROMOBENZENE		97036	<1.32	<1.25	<1.10	<1.13	<1.12
	MG/KG-DRY	ADPI					
XYLENES, TOTAL		45510	<0.528	<0.500	<0.441	<0.452	<0.449
	MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.		98578	<0.528	<0.500	<0.441	<0.452	<0.449
	MG/KG-DRY	ADPI					
METHYLCHLORIDE		34421	<0.106	<0.100	<0.088	<0.090	<0.090
	MG/KG-DRY	ADHA					
METHYL BROMIDE		34416	<1.6	<1.5	<1.3	<1.4	<1.3
	MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH		34334	<2.38	<2.25	<1.98	<2.03	<2.02
ANE	MG/KG-DRY	ADHA					
VINYL CHLORIDE		34495	<0.053	<0.050	<0.044	<0.045	<0.045
	MG/KG-DRY	ADHA					
CHLOROETHANE		34314	<0.106	<0.100	<0.088	<0.090	<0.090
	MG/KG-DRY	ADHA					
1,1-DICHLOROETHANE		34426	<0.528	<0.500	<0.441	<0.452	<0.449
	MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA		34491	<1.32	<1.25	<1.10	<1.13	<1.12
NE	MG/KG-DRY	ADHA					
1,1-DICHLOROETHENE		34504	<0.106	<0.100	<0.088	<0.090	<0.090
	MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE		34499	<0.053	<0.050	<0.044	<0.045	<0.045
	MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET		34549	<0.132	<0.125	<0.110	<0.113	<0.112
HENE	MG/KG-DRY	ADHA					
CHLOROFORM		34318	<0.053	<0.050	<0.044	<0.045	<0.045
	MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE		34534	<0.053	<0.050	<0.044	<0.045	<0.045
	MG/KG-DRY	ADHA					
DIBROMOETHANE		78756	<1.32	<1.25	<1.10	<1.13	<1.12
	MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN		34509	<0.053	<0.050	<0.044	<0.045	<0.045
E	MG/KG-DRY	ADHA					
CARBON TETRACHLORIDE		34299	<0.158	<0.150	<0.132	<0.136	<0.135
	MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE		34330	<0.132	<0.125	<0.110	<0.113	<0.112
	MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE		34544	<0.053	<0.050	<0.044	<0.045	<0.045
	MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN		34697	<0.528	<0.500	<0.441	<0.452	<0.449
E	MG/KG-DRY	ADHA					
TRICHLOROETHYLENE		34487	<0.158	<0.150	<0.132	<0.136	<0.135
	MG/KG-DRY	ADHA					

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METERS	STORFT	SAMPLE ID/#				
		E512B1A	E512B1B	E512B1C	E512B1D	E512B1E
UNITS	METHOD	P78-S	P78-S	P78-S	P78-S	P78-S
		24	25	26	27	28
DATE		12/14/88	12/14/88	12/14/88	12/15/88	12/15/88
TIME		12:50	15:35	17:25	12:15	16:10
DIBROMOCHLOROMETHANE	34309	<0.16	<0.15	<0.13	<0.14	<0.13
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.528	<0.500	<0.441	<0.452	<0.449
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.528	<0.500	<0.441	<0.452	<0.449
NE	ADHA					
2-CHLOROETHYLVINYL E	34579	<0.185	<0.175	<0.154	<0.158	<0.157
THER	ADHA					
BROMOFORM	34290	<0.264	<0.250	<0.220	<0.226	<0.225
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.32	<1.25	<1.10	<1.13	<1.12
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.158	<0.150	<0.132	<0.136	<0.135
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.053	<0.050	<0.044	<0.045	<0.045
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.053	<0.050	<0.044	<0.045	<0.045
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.264	<0.250	<0.220	<0.226	<0.225
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.32	<1.25	<1.10	<1.13	<1.12
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.32	<1.25	<1.10	<1.13	<1.12
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.528	<0.500	<0.441	<0.452	<0.449
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<21.7	36.8	<18.8	<19.4	18.5
MG/KG-DRY	AD					

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METERS	UNITS	STORET METHOD	SAMPLE ID/#				
			E512SS1 P78-S 31	E512SB1A P78-S 32	E512SB1B P78-S 33	E512SB2A P78-S 34	E512SB2B P78-S 35
DATE			12/15/88	12/12/88	12/12/88	12/12/88	12/12/88
TIME				14:40	15:10	16:25	17:10
BENZENE		34237	<0.233	<0.177	<0.188	<0.181	<0.192
	MG/KG-DRY	ADPI					
TOLUENE		34483	<0.333	<0.252	<0.268	<0.258	<0.274
	MG/KG-DRY	ADPI					
CHLOROBENZENE		34304	<0.333	<0.252	<0.268	<0.258	<0.274
	MG/KG-DRY	ADPI					
ETHYLBENZENE		34374	<0.333	<0.252	<0.268	<0.258	<0.274
	MG/KG-DRY	ADPI					
BROMOBENZENE		97036	<1.66	<1.26	<1.34	<1.29	<1.37
	MG/KG-DRY	ADPI					
XYLENES, TOTAL		45510	<0.665	<0.504	<0.536	<0.516	<0.548
	MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.		98578	<0.665	<0.504	<0.536	<0.516	<0.548
	MG/KG-DRY	ADPI					
METHYLCHLORIDE		34421	<0.133	<0.101	<0.107	<0.103	<0.110
	MG/KG-DRY	ADHA					
METHYL BROMIDE		34416	<2.0	<1.5	<1.6	<1.5	<1.6
	MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH		34334	<2.99	<2.27	<2.41	<2.32	<2.47
ANE	MG/KG-DRY	ADHA					
VINYL CHLORIDE		34495	<0.067	<0.050	<0.054	<0.052	<0.055
	MG/KG-DRY	ADHA					
CHLOROETHANE		34314	<0.133	<0.101	<0.107	<0.103	<0.110
	MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE		34426	<0.665	<0.504	<0.670	<0.516	<0.548
	MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA		34491	<1.66	<1.26	<1.34	<1.29	<1.37
NE	MG/KG-DRY	ADHA					
1,1-DICHLOROETHENE		34504	<0.133	<0.101	<0.107	<0.103	<0.110
	MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE		34499	<0.067	<0.050	<0.054	<0.052	<0.055
	MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET		34549	<0.166	<0.126	<0.134	<0.129	<0.137
HENE	MG/KG-DRY	ADHA					
CHLOROFORM		34318	<0.067	<0.050	<0.054	<0.052	<0.055
	MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE		34534	<0.067	<0.050	<0.078	<0.052	<0.055
	MG/KG-DRY	ADHA					
DIBROMOETHANE		78756	<1.66	<1.26	<1.34	<1.29	<1.37
	MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN		34509	<0.067	<0.050	<0.697	<0.052	<0.055
E	MG/KG-DRY	ADHA					
CARBON TETRACHLORIDE		34299	<0.200	<0.151	<0.161	<0.155	<0.165
	MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE		34330	<0.166	<0.126	<0.134	<0.129	<0.137
	MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE		34544	<0.067	<0.050	<0.054	<0.052	<0.055
	MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN		34697	<0.665	<0.504	<0.536	<0.516	<0.548
E	MG/KG-DRY	ADHA					
TRICHLOROETHYLENE		34487	<0.200	<0.151	<0.161	<0.155	<0.165
	MG/KG-DRY	ADHA					

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AMETERS UNITS	STORET METHOD	SAMPLE ID/#				
		E512SS1 P78-S 31	E512SB1A P78-S 32	E512SB1B P78-S 33	E512SB2A P78-S 34	E512SB2B P78-S 35
DATE TIME		12/15/88	12/12/88 14:40	12/12/88 15:10	12/12/88 16:25	12/12/88 17:10
DIBROMOCHLOROMETHANE MG/KG-DRY ADHA	34309	<0.20	<0.15	<0.13	<0.15	<0.16
CIS-1,3-DICHLOROPROP ENE MG/KG-DRY ADHA	34702	<0.665	<0.504	<0.536	<0.516	<0.548
1,1,2- TRICHLOROETHA NE MG/KG-DRY ADHA	34514	<0.665	<0.504	<0.027	<0.516	<0.548
2-CHLOROETHYLVINYL E THER MG/KG-DRY ADHA	34579	<0.233	<0.177	<0.188	<0.181	<0.192
BROMOFORM MG/KG-DRY ADHA	34290	<0.333	<0.252	<0.268	<0.258	<0.274
1,1,1,2-TETRACHLOROE THANE MG/KG-DRY ADHA	97042	<1.66	<1.26	<1.34	<1.29	<1.37
TRICHLOROPROPANE MG/KG-DRY ADHA	97043	<0.200	<0.151	<0.161	<0.155	<0.165
1,1,2,2-TETRACHLOROE THANE MG/KG-DRY ADHA	34519	<0.067	<0.050	<0.054	<0.052	<0.055
TETRACHLOROETHYLENE MG/KG-DRY ADHA	34478	<0.067	<0.050	<0.054	<0.052	<0.055
CHLOROBENZENE MG/KG-DRY ADHA	34304	<0.333	<0.252	<0.268	<0.258	<0.274
1-CHLOROHEXANE MG/KG-DRY ADHA	97039	<1.66	<1.26	<1.34	<1.29	<1.37
BROMOBENZENE MG/KG-DRY ADHA	97036	<1.66	<1.26	<1.34	<1.29	<1.37
CHLOROBENZENE, TOT. MG/KG-DRY ADHA	98578	<0.665	<0.504	<0.536	<0.516	<0.548
HYDROCARBONS, PETROL MG/KG-DRY AD	98233	1320	<18.8	<20.8	<21.2	<20.3

Hunter/ESE, Inc.
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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			E512SB3A P78-S 36	E512SB3B P78-S 37	BCSB1A P78-S 38	BCSB1B P78-S 39	BCSB2A P78-S 40
DATE			12/13/88	12/13/88	12/08/88	12/08/88	12/08/88
TIME			10:45	15:05	11:00	12:00	15:00
BENZENE		34237	<0.196	<0.186	<0.201	<0.191	<0.189
	MG/KG-DRY	ADPI					
TOLUENE		34483	<0.280	<0.265	<0.288	<0.273	<0.270
	MG/KG-DRY	ADPI					
CHLOROBENZENE		34304	<0.280	<0.265	<0.288	<0.273	<0.270
	MG/KG-DRY	ADPI					
ETHYLBENZENE		34374	<0.280	<0.265	<0.288	<0.273	<0.270
	MG/KG-DRY	ADPI					
BROMOBENZENE		97036	<1.40	<1.33	<1.44	<1.36	<1.35
	MG/KG-DRY	ADPI					
XYLENES, TOTAL		45510	<0.560	<0.530	<0.576	<0.545	<0.540
	MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.		98578	<0.560	<0.530	<0.576	<0.545	<0.540
	MG/KG-DRY	ADPI					
METHYLCHLORIDE		34421	<0.112	<0.106	<0.115	<0.109	<0.108
	MG/KG-DRY	ADHA					
METHYL BROMIDE		34416	<1.7	<1.6	<1.7	<1.6	<1.6
	MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH		34334	<2.52	<2.39	<2.59	<2.45	<2.43
ANE		ADHA					
VINYL CHLORIDE		34495	<0.056	<0.053	<0.058	<0.055	<0.054
	MG/KG-DRY	ADHA					
CHLOROETHANE		34314	<0.112	<0.106	<0.115	<0.109	<0.108
	MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE		34426	<0.560	<0.530	<0.576	<0.545	<0.540
	MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA		34491	<1.40	<1.33	<0.576	<0.545	<0.540
NE		ADHA					
1,1-DICHLOROETHENE		34504	<0.112	<0.106	<0.115	<0.109	<0.108
	MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE		34499	<0.056	<0.053	<0.058	<0.055	<0.054
	MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET		34549	<0.140	<0.133	<0.144	<0.136	<0.135
HENE		ADHA					
CHLOROFORM		34318	<0.056	<0.053	<0.058	<0.055	<0.054
	MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE		34534	<0.056	<0.053	<0.058	<0.055	<0.054
	MG/KG-DRY	ADHA					
DIBROMOETHANE		78756	<1.40	<1.33	<1.44	<1.36	<1.35
	MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN		34509	<0.056	<0.053	<0.058	<0.055	<0.054
E		ADHA					
CARBON TETRACHLORIDE		34299	<0.168	<0.159	<0.173	<0.164	<0.162
	MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE		34330	<0.140	<0.133	<0.144	<0.136	<0.135
	MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE		34544	<0.056	<0.053	<0.058	<0.055	<0.054
	MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN		34697	<0.560	<0.530	<0.576	<0.545	<0.540
E		ADHA					
TRICHLOROETHYLENE		34487	<0.168	<0.159	<0.173	<0.164	<0.162
	MG/KG-DRY	ADHA					

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		SAMPLE ID/#				
AMETERS	UNITS	STORET METHOD	E512SB3A	E512SB3B	BCSB1A	BCSB1B
			P78-S	P78-S	P78-S	P78-S
			36	37	38	39
						40
DATE			12/13/88	12/13/88	12/08/88	12/08/88
TIME			10:45	15:05	11:00	12:00
						15:00
DIBROMOCHLOROMETHANE	34309		<0.17	<0.16	<0.14	<0.14
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702		<0.560	<0.530	<0.576	<0.545
ENE	ADHA					<0.540
1,1,2- TRICHLOROETHA	34514		<0.560	<0.530	<0.029	<0.027
NE	ADHA				<0.027	<0.027
2-CHLOROETHYL VINYL E	34579		<0.196	<0.186	<0.201	<0.191
THER	ADHA				<0.191	<0.189
BROMOFORM	34290		<0.280	<0.265	<0.288	<0.273
MG/KG-DRY	ADHA				<0.273	<0.270
1,1,1,2-TETRACHLOROE	97042		<1.40	<1.33	<1.44	<1.36
THANE	ADHA				<1.36	<1.35
TRICHLOROPROPANE	97043		<0.168	<0.159	<0.173	<0.164
MG/KG-DRY	ADHA				<0.164	<0.162
1,1,2,2-TETRACHLOROE	34519		<0.056	<0.053	<0.058	<0.055
THANE	ADHA				<0.055	<0.054
TETRACHLOROETHYLENE	34478		<0.056	<0.053	<0.058	<0.055
MG/KG-DRY	ADHA				<0.055	<0.054
CHLOROBENZENE	34304		<0.280	<0.265	<0.288	<0.273
MG/KG-DRY	ADHA				<0.273	<0.270
1-CHLOROHEXANE	97039		<1.40	<1.33	<1.44	<1.36
MG/KG-DRY	ADHA				<1.36	<1.35
BROMOBENZENE	97036		<1.40	<1.33	<1.44	<1.36
MG/KG-DRY	ADHA				<1.36	<1.35
CHLOROBENZENE, TOT.	98578		<0.560	<0.530	<0.576	<0.545
MG/KG-DRY	ADHA				<0.545	<0.540
HYDROCARBONS, PETROL	98233		<20.6	<22.0	<22.1	<21.2
MG/KG-DRY	AD				<21.2	<21.5

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AMETERS UNITS	STORET METHOD	SAMPLE ID/#				
		BCSB2B P78-S 41	BCSB3A P78-S 42	BCSB3B P78-S 43	BCSB4A P78-S 44	BCSB4B P78-S 45
DATE		12/08/88	12/08/88	12/08/88	12/13/88	12/13/88
TIME		15:20	16:15	16:40	16:10	16:50
BENZENE	34237	<0.211	<0.187	<0.186	<0.174	<0.174
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.301	<0.267	<0.265	<0.249	<0.249
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.301	<0.267	<0.265	<0.249	<0.249
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.301	<0.267	<0.265	<0.249	<0.249
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<1.51	<1.34	<1.33	<1.24	<1.24
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.602	<0.534	<0.530	<0.497	<0.497
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.602	<0.534	<0.530	<0.497	<0.497
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.121	<0.107	<0.106	<0.099	<0.099
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<1.8	<1.6	<1.6	<1.5	<1.5
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<2.71	<2.40	<2.39	<2.24	<2.24
ANE	ADHA					
VINYL CHLORIDE	34495	<0.060	<0.053	<0.053	<0.050	<0.050
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.121	<0.107	<0.106	<0.099	<0.099
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.602	<0.534	<0.530	<0.497	<0.497
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<0.602	<0.534	<0.530	<1.24	<1.24
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.121	<0.107	<0.106	<0.099	<0.099
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.060	<0.053	<0.053	<0.050	<0.050
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.151	<0.134	<0.133	<0.050	<0.050
HENE	ADHA					
CHLOROFORM	34318	<0.060	<0.053	<0.053	<0.050	<0.050
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.060	<0.053	<0.053	<0.050	<0.050
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.51	<1.34	<1.33	<1.24	<1.24
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.060	<0.053	<0.053	<0.050	0.068
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.181	<0.160	<0.159	<0.149	<0.149
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.151	<0.134	<0.133	<0.124	<0.124
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.060	<0.053	<0.053	<0.050	<0.050
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.602	<0.534	<0.530	<0.497	<0.497
E	ADHA					
TRICHLOROETHYLENE	34487	<0.181	<0.160	<0.159	<0.149	<0.149
MG/KG-DRY	ADHA					

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PARAMETERS	STORET METHOD	SAMPLE ID/#				
		BCSB2B P78-S 41	BCSB3A P78-S 42	BCSB3B P78-S 43	BCSB4A P78-S 44	BCSB4B P78-S 45
UNITS						
DATE		12/08/88	12/08/88	12/08/88	12/13/88	12/13/88
TIME		15:20	16:15	16:40	16:10	16:50
DIBROMOCHLOROMETHANE	34309	<0.15	<0.13	<0.13	<0.12	<0.12
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.602	<0.534	<0.530	<0.497	<0.497
ENE	ADHA					
MG/KG-DRY						
1,1,2- TRICHLOROETHA	34514	<0.030	<0.027	<0.027	<0.025	<0.025
NE	ADHA					
MG/KG-DRY						
2-CHLOROETHYLVINYL E	34579	<0.211	<0.187	<0.186	<0.174	<0.174
THER	ADHA					
MG/KG-DRY						
BROMOFORM	34290	<0.301	<0.267	<0.265	<0.249	<0.249
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.51	<1.34	<1.33	<1.24	<1.24
THANE	ADHA					
MG/KG-DRY						
TRICHLOROPROPANE	97043	<0.181	<0.160	<0.159	<0.149	<0.149
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.060	<0.053	<0.053	<0.050	<0.050
THANE	ADHA					
MG/KG-DRY						
TETRACHLOROETHYLENE	34478	<0.060	<0.053	<0.053	<0.050	<0.050
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.301	<0.267	<0.265	<0.249	<0.249
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.51	<1.34	<1.33	<1.24	<1.24
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.51	<1.34	<1.33	<1.24	<1.24
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.602	<0.534	<0.530	<0.497	<0.497
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<21.1	<20.3	<21.2	<21.2	<20.1
MG/KG-DRY	AD					

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		BCSB5A P78-S 46	BCSB5B P78-S 47	BCSB6A P78-S 48	BCSB6B P78-S 49	BCSS1 P78-S 50
DATE		12/05/88	12/05/88	12/05/88	12/06/88	12/14/88
TIME		13:00	14:50	15:30	10:00	16:00
BENZENE	34237	<0.177	<0.205	<0.197	<0.201	<0.260
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.253	<0.292	<0.282	<0.287	<0.371
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.253	<0.292	<0.282	<0.287	<0.371
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.253	<0.292	<0.282	<0.287	<0.371
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<1.27	<1.46	<1.41	<1.43	<1.86
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.507	<0.584	<0.564	<0.573	<0.743
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.507	<0.584	<0.564	<0.573	<0.743
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.101	<0.117	<0.113	<0.115	<0.149
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<1.5	<1.8	<1.7	<1.7	<2.2
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<2.28	<2.63	<2.54	<2.58	<3.34
ANE	ADHA					
VINYL CHLORIDE	34495	<0.051	<0.058	<0.056	<0.057	<0.074
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.760	<0.876	<0.845	<0.860	<0.149
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.507	<0.584	<0.564	<0.573	<0.743
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<1.27	<1.46	<1.41	<1.43	<1.86
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.177	<0.205	<0.197	<0.201	<0.149
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.101	<0.117	<0.113	<0.115	<0.074
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.127	<0.146	<0.141	<0.143	<0.074
HENE	ADHA					
CHLOROFORM	34318	<0.051	<0.058	<0.056	<0.057	<0.074
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.051	<0.058	<0.056	<0.057	<0.074
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.27	<1.46	<1.41	<1.43	<1.86
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.051	<0.058	<0.056	<0.057	<0.074
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.152	<0.175	<0.169	<0.172	<0.223
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.127	<0.146	<0.141	<0.143	<0.186
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.051	<0.058	<0.056	<0.057	<0.074
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.507	<0.584	<0.564	<0.573	<0.743
E	ADHA					
TRICHLOROETHYLENE	34487	<0.152	<0.175	<0.169	<0.172	<0.223
MG/KG-DRY	ADHA					

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METERS		STORET		SAMPLE ID/#				
UNITS		METHOD		BCSB5A	BCSB5B	BCSB6A	BCSB6B	BCSS1
				P78-S	P78-S	P78-S	P78-S	P78-S
				46	47	48	49	50
DATE				12/05/88	12/05/88	12/05/88	12/06/88	12/14/88
TIME				13:00	14:50	15:30	10:00	16:00
DIBROMOCHLOROMETHANE	34309			<0.13	<0.15	<0.14	<0.14	<0.19
MG/KG-DRY	ADHA							
CIS-1,3-DICHLOROPROP	34702			<0.507	<0.584	<0.564	<0.573	<0.743
ENE	ADHA							
1,1,2- TRICHLOROETHA	34514			<0.025	<0.029	<0.028	<0.029	<0.037
NE	ADHA							
2-CHLOROETHYL VINYL E	34579			<0.177	<0.205	<0.197	<0.201	<0.260
THER	ADHA							
BROMOFORM	34290			<0.253	<0.292	<0.282	<0.287	<0.371
MG/KG-DRY	ADHA							
1,1,1,2-TETRACHLOROE	97042			<1.27	<1.46	<1.41	<1.43	<1.86
THANE	ADHA							
TRICHLOROPROPANE	97043			<0.152	<0.175	<0.169	<0.172	<0.223
MG/KG-DRY	ADHA							
1,1,2,2-TETRACHLOROE	34519			<0.051	<0.058	<0.056	<0.057	<0.074
THANE	ADHA							
TETRACHLOROETHYLENE	34478			<0.051	<0.058	<0.056	<0.057	<0.074
MG/KG-DRY	ADHA							
CHLOROBENZENE	34304			<0.253	<0.292	<0.282	<0.287	<0.371
MG/KG-DRY	ADHA							
1-CHLOROHEXANE	97039			<1.27	<1.46	<1.41	<1.43	<1.86
MG/KG-DRY	ADHA							
BROMOBENZENE	97036			<1.27	<1.46	<1.41	<1.43	<1.86
MG/KG-DRY	ADHA							
CHLOROBENZENE, TOT.	98578			<0.507	<0.584	<0.564	<0.573	<0.743
MG/KG-DRY	ADHA							
HYDROCARBONS, PETROL	98233			<20.5	<21.5	<21.0	<24.7	<25.9
MG/KG-DRY	AD							

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PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

METERS	STORER	SAMPLE ID/#				
		BCSS2	BCSS3	BCSS4	BCSS5	BCSS6
UNITS	METHOD	P78-S	P78-S	P78-S	P78-S	P78-S
		51	52	53	54	55
DATE		12/15/88	12/02/88	12/02/88	12/02/88	12/02/88
TIME		16:00	17:11	16:20	15:10	10:51
BENZENE	34237	<0.248	<0.249	<0.241	<0.225	<0.245
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.355	<0.356	<0.344	<0.322	<0.349
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.355	<0.356	<0.344	<0.322	<0.349
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.355	<0.356	<0.344	<0.322	<0.349
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<1.77	<1.78	<1.72	<1.61	<1.75
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.710	<0.712	<0.687	<0.644	<0.699
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.710	<0.712	<0.687	<0.644	<0.699
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.142	<0.143	<0.137	<0.129	<0.140
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<2.1	<2.1	<2.1	<1.9	<2.1
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<3.19	<3.21	<3.09	<2.90	<3.14
ANE	ADHA					
VINYL CHLORIDE	34495	<0.071	<0.071	<0.069	<0.064	<0.070
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.142	<0.143	<0.137	<0.129	<1.05
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.710	<0.712	<0.687	<0.644	<0.699
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<1.77	<0.712	<0.687	<0.644	<1.75
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.142	<0.143	<0.137	<0.129	<0.245
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.071	<0.071	<0.069	<0.064	<0.140
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.071	<0.178	<0.172	<0.161	<0.175
HENE	ADHA					
CHLOROFORM	34318	<0.071	<0.071	<0.069	<0.064	<0.070
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.071	<0.071	<0.069	<0.064	<0.070
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.77	<1.78	<1.72	<1.61	<1.75
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	0.098	<0.071	<0.069	0.642	<0.070
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.213	<0.214	<0.206	<0.193	<0.210
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.178	<0.178	<0.172	<0.161	<0.175
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.071	<0.071	<0.069	<0.064	<0.070
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.710	<0.712	<0.687	<0.644	<0.699
E	ADHA					
TRICHLOROETHYLENE	34487	<0.213	<0.214	<0.206	<0.193	<0.210
MG/KG-DRY	ADHA					

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CONCENTRATIONS		SAMPLE ID/#				
AMETERS	STORET	BCSS2	BCSS3	BCSS4	BCSS5	BCSS6
UNITS	METHOD	P78-S	P78-S	P78-S	P78-S	P78-S
		51	52	53	54	55
DATE		12/15/88	12/02/88	12/02/88	12/02/88	12/02/88
TIME		16:00	17:11	16:20	15:10	10:51
DIBROMOCHLOROMETHANE	34309	<0.18	<0.18	<0.17	<0.16	<0.17
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.710	<0.712	<0.687	<0.644	<0.699
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.036	<0.036	<0.034	<0.032	<0.035
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.248	<0.249	<0.241	<0.225	<0.245
THER	ADHA					
BROMOFORM	34290	<0.355	<0.356	<0.344	<0.322	<0.349
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.77	<1.78	<1.72	<1.61	<1.75
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.213	<0.214	<0.206	<0.193	<0.210
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.071	<0.071	<0.069	<0.064	<0.070
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.071	<0.071	<0.069	<0.064	<0.070
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.355	<0.356	<0.344	<0.322	<0.349
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.77	<1.78	<1.72	<1.61	<1.75
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.77	<1.78	<1.72	<1.61	<1.75
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.710	<0.712	<0.687	<0.644	<0.699
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<27.7	887	<27.7	66.5	<23.2
MG/KG-DRY	AD					

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		BCSS7 P78-S 56	M585B1A P78-S 57	M585B1B P78-S 58	M585B1C P78-S 59	M585B1D P78-S 60
DATE		12/02/88	01/11/89	01/12/89	01/12/89	01/12/89
TIME		12:45	14:57	10:20	11:48	16:10
BENZENE	34237	<0.347	<0.151	<0.176	<0.174	<0.218
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.495	<0.215	<0.251	<0.248	<0.311
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.495	<0.215	<0.301	<0.298	<0.373
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.495	<0.215	<0.251	<0.248	<0.311
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<2.48	<1.08	<0.251	<0.248	<0.311
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.990	<0.430	<0.502	<0.496	<0.622
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<0.990	<0.968	<1.13	<1.12	<1.40
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.198	<0.086	<0.101	<0.099	<0.124
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<3.0	<1.3	<1.5	<1.5	<1.9
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<4.46	<1.94	<2.26	<2.23	<2.80
ANE	ADHA					
VINYL CHLORIDE	34495	<0.099	<0.043	<0.050	<0.050	<0.062
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.198	<0.645	<0.754	<0.744	<0.933
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.990	<0.430	<0.502	<0.496	<0.622
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<0.990	<1.08	<1.26	<1.24	<1.55
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.198	<0.151	<0.176	<0.174	<0.218
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.099	<0.086	<0.050	<0.050	<0.062
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.248	<0.108	<0.126	<0.124	<0.155
HENE	ADHA					
CHLOROFORM	34318	<0.099	<0.043	<0.050	<0.050	<0.062
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.099	<0.043	<0.050	<0.050	<0.062
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<2.48	<0.108	<1.26	<1.24	<1.55
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	1.02	<0.043	<0.050	<0.050	<0.062
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.297	<0.129	<0.151	<0.149	<0.187
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.248	<0.108	<0.126	<0.124	<0.155
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.099	<0.043	<0.050	<0.050	<0.062
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.990	<0.430	<0.502	<0.496	<0.622
E	ADHA					
TRICHLOROETHYLENE	34487	<0.297	<0.129	<0.151	<0.149	0.298
MG/KG-DRY	ADHA					

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		BCSS7 P78-S 56	M585B1A P78-S 57	M585B1B P78-S 58	M585B1C P78-S 59	M585B1D P78-S 60
DATE		12/02/88	01/11/89	01/12/89	01/12/89	01/12/89
TIME		12:45	14:57	10:20	11:48	16:10
DIBROMOCHLOROMETHANE	34309	<0.25	<0.11	<0.13	<0.12	<0.16
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.990	<0.430	<0.502	<0.496	<0.622
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.050	<0.022	<0.025	<0.025	<0.031
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.347	<0.151	<0.176	<0.174	<0.218
THER	ADHA					
BROMOFORM	34290	<0.495	<0.215	<0.251	<0.248	<0.311
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<2.48	<1.08	<1.26	<1.24	<1.55
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.297	<1.08	<1.26	<1.24	<1.55
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.099	<0.043	<0.050	<0.050	<0.062
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.099	<0.043	<0.050	<0.050	<0.062
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.495	<0.215	<0.301	<0.298	<0.373
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<2.48	<1.08	<1.26	<1.24	<1.55
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<2.48	<1.08	<0.251	<0.248	<0.311
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.990	<0.968	<1.13	<1.12	<1.40
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<28.0	<20.6	<21.8	<18.8	<21.9
MG/KG-DRY	AD					

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AMETERS UNITS	STORET METHOD	SAMPLE ID/#				
		M585B2A P78-S 64	M585B2B P78-S 65	M585B2C P78-S 66	FVDSS1 P78-S 71	FVDSS2 P78-S 72
DATE		01/19/89	01/20/89	01/20/89	12/07/88	12/07/88
TIME		17:23	11:24	15:35	11:30	13:30
BENZENE	34237	<0.160	<0.172	<0.184	<0.169	<0.203
MG/KG-DRY	ADPI					
TOLUENE	34483	<0.229	<0.246	<0.262	<0.242	<0.290
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304	<0.275	<0.295	<0.315	<0.242	<0.290
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374	<0.229	<0.246	<0.262	<0.242	<0.290
MG/KG-DRY	ADPI					
BROMOBENZENE	97036	<0.229	<0.246	<0.262	<1.21	<1.45
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510	<0.458	<0.491	<0.525	<0.483	<0.579
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578	<1.03	<1.11	<1.18	<0.483	<0.579
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421	<0.092	<0.098	<0.105	<0.097	<0.116
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416	<1.4	<1.5	<1.6	<1.4	<1.7
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334	<2.06	<2.21	<2.36	<2.17	<2.61
ANE	ADHA					
VINYL CHLORIDE	34495	<0.046	<0.049	<0.053	<0.048	<0.058
MG/KG-DRY	ADHA					
CHLOROETHANE	34314	<0.687	<0.737	<0.787	<0.097	<0.116
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	<0.458	<0.491	<0.525	<0.483	<0.579
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491	<1.15	<1.23	<1.31	<0.483	<0.579
NE	ADHA					
1,1-DICHLOROETHENE	34504	<0.160	<0.172	<0.184	<0.097	<0.116
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499	<0.046	<0.049	<0.053	<0.048	<0.058
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549	<0.115	<0.123	<0.131	<0.121	<0.145
HENE	ADHA					
CHLOROFORM	34318	<0.046	<0.049	<0.053	<0.048	<0.058
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534	<0.046	<0.049	<0.053	<0.048	<0.058
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756	<1.15	<1.23	<1.31	<1.21	<1.45
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.046	<0.049	<0.053	0.588	0.723
E	ADHA					
CARBON TETRACHLORIDE	34299	<0.137	<0.147	<0.157	<0.145	<0.174
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330	<0.115	<0.123	<0.131	<0.121	<0.145
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544	<0.046	<0.049	<0.053	<0.048	<0.058
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697	<0.458	<0.491	<0.525	<0.483	<0.579
E	ADHA					
TRICHLOROETHYLENE	34487	<0.137	<0.147	<0.157	<0.145	<0.174
MG/KG-DRY	ADHA					

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		M585B2A P78-S 64	M585B2B P78-S 65	M585B2C P78-S 66	FVDSS1 P78-S 71	FVDSS2 P78-S 72
DATE		01/19/89	01/20/89	01/20/89	12/07/88	12/07/88
TIME		17:23	11:24	15:35	11:30	13:30
DIBROMOCHLOROMETHANE	34309	<0.11	<0.12	<0.13	<0.12	<0.14
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.458	<0.491	<0.525	<0.483	<0.579
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.023	<0.025	<0.026	<0.024	<0.029
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.160	<0.172	<0.184	<0.169	<0.203
THER	ADHA					
BROMOFORM	34290	<0.229	<0.246	<0.262	<0.242	<0.290
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.15	<1.23	<1.31	<1.21	<1.45
THANE	ADHA					
TRICHLOROPROPANE	97043	<1.15	<1.23	<1.31	<0.145	<0.174
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.046	<0.049	<0.053	<0.048	<0.058
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.046	<0.049	<0.053	<0.048	<0.058
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.275	<0.295	<0.315	<0.242	<0.290
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.15	<1.23	<1.31	<1.21	<1.45
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<0.229	<0.246	<0.262	<1.21	<1.45
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<1.03	<1.11	<1.18	<0.483	<0.579
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<19.6	<20.3	<21.4	<20.1	<20.9
MG/KG-DRY	AD					

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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			FVDSS3 P78-S 73	FVDSS5 P78-S 75	FVDSS6 P78-S 76	FVDSB1A P78-S 77	FVDSB1B P78-S 78
DATE			12/07/88	12/07/88	12/07/88	12/03/88	12/03/88
TIME			14:00	14:40	16:10	15:30	16:30
BENZENE		34237	<0.229	<0.158	<0.174	<0.142	<0.139
MG/KG-DRY		ADPI					
TOLUENE		34483	<0.327	<0.226	<0.249	<0.202	<0.199
MG/KG-DRY		ADPI					
CHLOROBENZENE		34304	<0.327	<0.226	<0.249	<0.202	<0.199
MG/KG-DRY		ADPI					
ETHYLBENZENE		34374	<0.327	<0.226	<0.249	<0.202	<0.199
MG/KG-DRY		ADPI					
BROMOBENZENE		97036	<1.63	<1.13	<1.24	<1.01	<0.995
MG/KG-DRY		ADPI					
XYLENES, TOTAL		45510	<0.654	<0.453	<0.497	<0.405	<0.398
MG/KG-DRY		ADPI					
DICHLOROBENZENE, TOT.		98578	<0.654	<0.453	<0.497	<0.405	<0.398
MG/KG-DRY		ADPI					
METHYLCHLORIDE		34421	<0.131	<0.091	<0.099	<0.081	<0.080
MG/KG-DRY		ADHA					
METHYL BROMIDE		34416	<2.0	<1.4	<1.5	<1.2	<1.2
MG/KG-DRY		ADHA					
DICHLORODIFLUOROMETH		34334	<2.94	<2.04	<2.24	<1.82	<1.79
ANE		ADHA					
VINYL CHLORIDE		34495	<0.065	<0.045	<0.050	<0.041	<0.040
MG/KG-DRY		ADHA					
CHLOROETHANE		34314	<0.131	<0.091	<0.099	<0.607	<0.597
MG/KG-DRY		ADHA					
ETHYLENE CHLORIDE		34426	<0.654	<0.453	<0.497	<0.405	<0.398
MG/KG-DRY		ADHA					
TRICHLOROFLUOROMETHA		34491	<0.654	<0.453	<0.497	<1.01	<0.995
NE		ADHA					
1,1-DICHLOROETHENE		34504	<0.131	<0.091	<0.099	<0.142	<0.139
MG/KG-DRY		ADHA					
1,1 DICHLOROETHANE		34499	<0.065	<0.045	<0.050	<0.081	<0.080
MG/KG-DRY		ADHA					
TRANS-1,2-DICHLOROET		34549	<0.163	<0.113	<0.124	<0.101	<0.100
HENE		ADHA					
CHLOROFORM		34318	<0.065	<0.045	<0.050	<0.041	<0.040
MG/KG-DRY		ADHA					
1,2-DICHLOROETHANE		34534	<0.065	<0.045	<0.050	<0.041	<0.040
MG/KG-DRY		ADHA					
DIBROMOETHANE		78756	<1.63	<1.13	<1.24	<1.01	<0.995
MG/KG-DRY		ADHA					
1,1,1-TRICHLOROETHAN		34509	0.824	0.579	0.716	<0.041	<0.040
E		ADHA					
CARBON TETRACHLORIDE		34299	<0.196	<0.136	<0.149	<0.121	<0.119
MG/KG-DRY		ADHA					
BROMODICHLOROMETHANE		34330	<0.163	<0.113	<0.124	<0.101	<0.100
MG/KG-DRY		ADHA					
1,2,-DICHLOROPROPANE		34544	<0.065	<0.045	<0.050	<0.041	<0.040
MG/KG-DRY		ADHA					
T-1,3-DICHLOROPROPEN		34697	<0.654	<0.453	<0.497	<0.405	<0.398
E		ADHA					
TRICHLOROETHYLENE		34487	<0.196	<0.136	<0.149	<0.121	<0.119
MG/KG-DRY		ADHA					

Hunter/ESE, Inc.
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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		FVDSS3 P78-S 73	FVDSS5 P78-S 75	FVDSS6 P78-S 76	FVDSB1A P78-S 77	FVDSB1B P78-S 78
DATE		12/07/88	12/07/88	12/07/88	12/03/88	12/03/88
TIME		14:00	14:40	16:10	15:30	16:30
DIBROMOCHLOROMETHANE	34309	<0.16	<0.11	<0.12	<0.10	<0.100
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.654	<0.453	<0.497	<0.405	<0.398
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.033	<0.023	<0.025	<0.020	<0.020
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.229	<0.158	<0.174	<0.142	<0.139
THER	ADHA					
BROMOFORM	34290	<0.327	<0.226	<0.249	<0.202	<0.199
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.63	<1.13	<1.24	<1.01	<0.995
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.196	<0.136	<0.149	<0.121	<0.119
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.065	<0.045	<0.050	<0.041	<0.040
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.065	<0.045	<0.050	<0.041	<0.040
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.327	<0.226	<0.249	<0.202	<0.199
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.63	<1.13	<1.24	<1.01	<0.995
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.63	<1.13	<1.24	<1.01	<0.995
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.654	<0.453	<0.497	<0.405	<0.398
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	<23.8	<19.6	<20.3	<17.5	<16.9
MG/KG-DRY	AD					

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		SAMPLE ID/#				
METERS	UNITS	STORET METHOD	DUP	DUP	DUP	DUP
			P78-S 79	P78-S 80	P78-S 81	P78-S 82
DATE			12/15/88	12/15/88	12/15/88	12/15/88
TIME						12/14/88
BENZENE		34237	<0.229	<0.180	<0.292	<0.182
	MG/KG-DRY	ADPI				<0.172
TOLUENE		34483	<0.327	<0.258	<0.417	<0.260
	MG/KG-DRY	ADPI				<0.246
CHLOROBENZENE		34304	<0.327	<0.258	<0.417	<0.260
	MG/KG-DRY	ADPI				<0.246
ETHYLBENZENE		34374	<0.327	<0.258	<0.417	<0.260
	MG/KG-DRY	ADPI				<0.246
BROMOBENZENE		97036	<1.63	<1.29	<2.08	<1.30
	MG/KG-DRY	ADPI				<1.23
XYLENES, TOTAL		45510	<0.654	<0.515	<0.833	<0.519
	MG/KG-DRY	ADPI				<0.491
DICHLOROBENZENE, TOT.		98578	<0.654	<0.515	<0.833	<0.519
	MG/KG-DRY	ADPI				<0.491
METHYLCHLORIDE		34421	<0.131	<0.103	<0.167	<0.104
	MG/KG-DRY	ADHA				<0.098
METHYL BROMIDE		34416	<2.0	<1.5	<2.5	<1.6
	MG/KG-DRY	ADHA				<1.5
DICHLORODIFLUOROMETH		34334	<2.94	<2.32	<3.75	<2.34
ANE	MG/KG-DRY	ADHA				<2.21
VINYL CHLORIDE		34495	<0.065	<0.052	<0.083	<0.052
	MG/KG-DRY	ADHA				<0.049
CHLOROETHANE		34314	<0.131	<0.103	<0.167	<0.104
	MG/KG-DRY	ADHA				<0.098
ETHYLENE CHLORIDE		34426	<0.654	<0.515	<0.833	<0.519
	MG/KG-DRY	ADHA				<0.491
TRICHLOROFLUOROMETHA		34491	<1.63	<1.29	<2.08	<1.30
NE	MG/KG-DRY	ADHA				<1.23
1,1-DICHLOROETHENE		34504	<0.131	<0.103	<0.167	<0.104
	MG/KG-DRY	ADHA				<0.098
1,1 DICHLOROETHANE		34499	<0.065	<0.052	<0.083	<0.052
	MG/KG-DRY	ADHA				<0.049
TRANS-1,2-DICHLOROET		34549	<0.065	<0.052	<0.083	<0.052
HENE	MG/KG-DRY	ADHA				<0.049
CHLOROFORM		34318	<0.065	<0.052	<0.083	<0.052
	MG/KG-DRY	ADHA				<0.049
1,2-DICHLOROETHANE		34534	<0.065	<0.052	<0.083	<0.052
	MG/KG-DRY	ADHA				<0.049
DIBROMOETHANE		78756	<1.63	<1.29	<2.08	<1.30
	MG/KG-DRY	ADHA				<1.23
1,1,1-TRICHLOROETHAN		34509	<0.065	0.103	0.099	0.113
E	MG/KG-DRY	ADHA				<0.049
CARBON TETRACHLORIDE		34299	<0.196	<0.155	<0.250	<0.156
	MG/KG-DRY	ADHA				<0.147
BROMODICHLOROMETHANE		34330	<0.163	<0.129	<0.208	<0.130
	MG/KG-DRY	ADHA				<0.123
1,2,-DICHLOROPROPANE		34544	<0.065	<0.052	<0.083	<0.052
	MG/KG-DRY	ADHA				<0.049
T-1,3-DICHLOROPROPEN		34697	<0.654	<0.515	<0.833	<0.519
E	MG/KG-DRY	ADHA				<0.491
TRICHLOROETHYLENE		34487	<0.196	<0.155	<0.250	<0.156
	MG/KG-DRY	ADHA				<0.147

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AMETERS	STORET	DUP	DUP	DUP	DUP	DUP
UNITS	METHOD	P78-S	P78-S	P78-S	P78-S	P78-S
		79	80	81	82	83
DATE		12/15/88	12/15/88	12/15/88	12/15/88	12/14/88
TIME						
DIBROMOCHLOROMETHANE	34309	<0.16	<0.13	<0.21	<0.13	<0.12
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.654	<0.515	<0.833	<0.519	<0.491
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.033	<0.026	<0.042	<0.026	<0.025
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.229	<0.180	<0.292	<0.182	<0.172
THER	ADHA					
BROMOFORM	34290	<0.327	<0.258	<0.417	<0.260	<0.246
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLOROE	97042	<1.63	<1.29	<2.08	<1.30	<1.23
THANE	ADHA					
TRICHLOROPROPANE	97043	<0.196	<0.155	<0.250	<0.156	<0.147
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLOROE	34519	<0.065	<0.052	<0.083	<0.052	<0.049
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.065	<0.052	<0.083	<0.052	<0.049
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.327	<0.258	<0.417	<0.260	<0.246
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.63	<1.29	<2.08	<1.30	<1.23
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<1.63	<1.29	<2.08	<1.30	<1.23
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<0.654	<0.515	<0.833	<0.519	<0.491
MG/KG-DRY	ADHA					
HYDROCARBONS, PETROL	98233	244	<20.7	<29.6	<21.5	<21.7
MG/KG-DRY	AD					

Hunter/ESE, Inc.
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AMETERS	STOR	SAMPLE ID/#			
		DUP P78-S 84	DUP P78-S 85	DUP P78-S 86	FVDSS8 P78-S 100
UNITS	METHOD				
DATE		12/15/88	01/12/89	01/20/89	12/15/88
TIME					14:00
BENZENE	34237	<0.161	<0.213	<0.165	<0.186
MG/KG-DRY	ADPI				
TOLUENE	34483	<0.230	<0.304	<0.236	<0.266
MG/KG-DRY	ADPI				
CHLOROBENZENE	34304	<0.230	<0.364	<0.283	<0.266
MG/KG-DRY	ADPI				
ETHYLBENZENE	34374	<0.230	<0.304	<0.236	<0.266
MG/KG-DRY	ADPI				
BROMOBENZENE	97036	<1.15	<0.304	<0.236	<1.33
MG/KG-DRY	ADPI				
XYLENES, TOTAL	45510	<0.459	<0.607	<0.471	<0.531
MG/KG-DRY	ADPI				
DICHLOROBENZENE, TOT.	98578	<0.459	<1.37	<1.06	<0.531
MG/KG-DRY	ADPI				
METHYLCHLORIDE	34421	<0.092	<0.121	<0.094	<0.106
MG/KG-DRY	ADHA				
METHYL BROMIDE	34416	<1.4	<1.8	<1.4	<1.6
MG/KG-DRY	ADHA				
DICHLORODIFLUOROMETH	34334	<2.07	<2.73	<2.12	<2.39
ANE	ADHA				
VINYL CHLORIDE	34495	<0.046	<0.061	<0.047	<0.053
MG/KG-DRY	ADHA				
CHLOROETHANE	34314	<0.092	<0.911	<0.707	<0.106
MG/KG-DRY	ADHA				
ETHYLENE CHLORIDE	34426	<0.459	<0.607	<0.471	<0.531
MG/KG-DRY	ADHA				
TRICHLOROFLUOROMETHA	34491	<1.15	<1.52	<1.18	<1.33
NE	ADHA				
1,1-DICHLOROETHENE	34504	<0.092	<0.213	<0.165	<0.106
MG/KG-DRY	ADHA				
1,1-DICHLOROETHANE	34499	<0.046	<0.061	<0.047	<0.053
MG/KG-DRY	ADHA				
TRANS-1,2-DICHLOROET	34549	<0.046	<0.152	<0.118	<0.053
HENE	ADHA				
CHLOROFORM	34318	<0.046	<0.061	<0.047	<0.053
MG/KG-DRY	ADHA				
1,2-DICHLOROETHANE	34534	<0.046	<0.061	<0.047	<0.053
MG/KG-DRY	ADHA				
DIBROMOETHANE	78756	<1.15	<1.52	<1.18	<1.33
MG/KG-DRY	ADHA				
1,1,1-TRICHLOROETHAN	34509	<0.046	<0.061	<0.047	0.108
E	ADHA				
CARBON TETRACHLORIDE	34299	<0.138	<0.182	<0.141	<0.159
MG/KG-DRY	ADHA				
BROMODICHLOROMETHANE	34330	<0.115	<0.152	<0.118	<0.133
MG/KG-DRY	ADHA				
1,2,-DICHLOROPROPANE	34544	<0.046	<0.061	<0.047	<0.053
MG/KG-DRY	ADHA				
T-1,3-DICHLOROPROPEN	34697	<0.459	<0.607	<0.471	<0.531
E	ADHA				
TRICHLOROETHYLENE	34487	<0.138	0.199	<0.141	<0.159
MG/KG-DRY	ADHA				

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PARAMETERS	STORET	DUP	DUP	DUP	FVDSS8
UNITS	METHOD	P78-S	P78-S	P78-S	P78-S
		84	85	86	100
DATE		12/15/88	01/12/89	01/20/89	12/15/88
TIME					14:00
DIBROMOCHLOROMETHANE	34309	<0.11	<0.15	<0.12	<0.13
MG/KG-DRY	ADHA				
CIS-1,3-DICHLOROPROP	34702	<0.459	<0.607	<0.471	<0.531
ENE	MG/KG-DRY				
ADHA					
1,1,2-TRICHLOROETHA	34514	<0.023	<0.030	<0.024	<0.027
NE	MG/KG-DRY				
ADHA					
2-CHLOROETHYL VINYL E	34579	<0.161	<0.213	<0.165	<0.186
THER	MG/KG-DRY				
ADHA					
BROMOFORM	34290	<0.230	<0.304	<0.236	<0.266
MG/KG-DRY	ADHA				
1,1,1,2-TETRACHLORO	97042	<1.15	<1.52	<1.18	<1.33
THANE	MG/KG-DRY				
ADHA					
TRICHLOROPROPANE	97043	<0.138	<1.52	<1.18	<0.159
MG/KG-DRY	ADHA				
1,1,2,2-TETRACHLORO	34519	<0.046	<0.061	<0.047	<0.053
THANE	MG/KG-DRY				
ADHA					
TETRACHLOROETHYLENE	34478	<0.046	<0.061	<0.047	<0.053
MG/KG-DRY	ADHA				
CHLOROBENZENE	34304	<0.230	<0.364	<0.283	<0.266
MG/KG-DRY	ADHA				
1-CHLOROHEXANE	97039	<1.15	<1.52	<1.18	<1.33
MG/KG-DRY	ADHA				
BROMOBENZENE	97036	<1.15	<0.304	<0.236	<1.33
MG/KG-DRY	ADHA				
CHLOROBENZENE, TOT.	98578	<0.459	<1.37	<1.06	<0.531
MG/KG-DRY	ADHA				
HYDROCARBONS, PETROL	98233	<21.1	<23.2	<19.9	<22.5
MG/KG-DRY	AD				

SOIL CONFIRMATION ANALYSIS
8010/8020, TOTAL HYDROCARBONS

Hunter/ESE, Inc.
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LAB COORDINATOR ANGELA BURCH

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PARAMETERS	STORET METHOD	SAMPLE ID/#				
		NDDSB1B P78-SC 11	NDDSB2A P78-SC 12	BCSS2 P78-SC 51	BCSS5 P78-SC 54	BCSS7 P78-SC 56
UNITS						
DATE		12/09/88	12/09/88	12/15/88	12/02/88	12/02/88
TIME		13:10	10:00	16:00	15:10	12:45
BENZENE	34237				<0.225	<0.316
MG/KG-DRY	ADPI					
TOLUENE	34483				<0.322	<0.451
MG/KG-DRY	ADPI					
CHLOROBENZENE	34304				<0.322	<0.451
MG/KG-DRY	ADPI					
ETHYLBENZENE	34374				<0.322	<0.451
MG/KG-DRY	ADPI					
BROMOBENZENE	97036				<1.61	<2.26
MG/KG-DRY	ADPI					
XYLENES, TOTAL	45510				<0.644	<0.902
MG/KG-DRY	ADPI					
DICHLOROBENZENE, TOT.	98578				<0.644	<0.902
MG/KG-DRY	ADPI					
METHYLCHLORIDE	34421				<0.129	<0.180
MG/KG-DRY	ADHA					
METHYL BROMIDE	34416				<1.9	<2.7
MG/KG-DRY	ADHA					
DICHLORODIFLUOROMETH	34334				<2.90	<4.06
ANE	MG/KG-DRY					
VINYL CHLORIDE	34495				<0.064	<0.090
MG/KG-DRY	ADHA					
CHLOROETHANE	34314				<0.129	<0.180
MG/KG-DRY	ADHA					
ETHYLENE CHLORIDE	34426	2.14	2.29		<0.644	<0.902
MG/KG-DRY	ADHA					
TRICHLOROFLUOROMETHA	34491				<0.644	<0.902
NE	MG/KG-DRY					
1,1-DICHLOROETHENE	34504				<0.129	<0.180
MG/KG-DRY	ADHA					
1,1 DICHLOROETHANE	34499				<0.064	<0.090
MG/KG-DRY	ADHA					
TRANS-1,2-DICHLOROET	34549				<0.161	<0.226
HENE	MG/KG-DRY					
CHLOROFORM	34318				<0.064	<0.090
MG/KG-DRY	ADHA					
1,2-DICHLOROETHANE	34534				<0.064	<0.090
MG/KG-DRY	ADHA					
DIBROMOETHANE	78756				<1.61	<2.26
MG/KG-DRY	ADHA					
1,1,1-TRICHLOROETHAN	34509	<0.004	<0.004	<0.071	0.304	1.08
E	MG/KG-DRY					
CARBON TETRACHLORIDE	34299				<0.193	<0.271
MG/KG-DRY	ADHA					
BROMODICHLOROMETHANE	34330				<0.161	<0.226
MG/KG-DRY	ADHA					
1,2,-DICHLOROPROPANE	34544				<0.064	<0.090
MG/KG-DRY	ADHA					
T-1,3-DICHLOROPROPEN	34697				<0.644	<0.902
E	MG/KG-DRY					
TRICHLOROETHYLENE	34487				<0.193	<0.271
MG/KG-DRY	ADHA					

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LAB COORDINATOR ANGELA BURCH

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PARAMETERS		STORET	SAMPLE ID/#				
UNITS		METHOD	NDDSB1B P78-SC 11	NDDSB2A P78-SC 12	BCSS2 P78-SC 51	BCSS5 P78-SC 54	BCSS7 P78-SC 56
DATE			12/09/88	12/09/88	12/15/88	12/02/88	12/02/88
TIME			13:10	10:00	16:00	15:10	12:45
DIBROMOCHLOROMETHANE	34309					<0.16	<0.23
MG/KG-DRY	ADHA						
CIS-1,3-DICHLOROPROP	34702					<0.644	<0.902
ENE	ADHA						
1,1,2- TRICHLOROETHA	34514					<0.032	<0.045
NE	ADHA						
2-CHLOROETHYLVINYL E	34579					<0.225	<0.316
THER	ADHA						
BROMOFORM	34290					<0.322	<0.451
MG/KG-DRY	ADHA						
1,1,1,2-TETRACHLOROE	97042					<1.61	<2.26
THANE	ADHA						
TRICHLOROPROPANE	97043					<0.193	<0.271
MG/KG-DRY	ADHA						
1,1,2,2-TETRACHLOROE	34519					<0.064	<0.090
THANE	ADHA						
TETRACHLOROETHYLENE	34478					<0.064	<0.090
MG/KG-DRY	ADHA						
CHLOROBENZENE	34304					<0.322	<0.451
MG/KG-DRY	ADHA						
1-CHLOROHEXANE	97039					<1.61	<2.26
MG/KG-DRY	ADHA						
BROMOBENZENE	97036					<1.61	<2.26
MG/KG-DRY	ADHA						
CHLOROBENZENE, TOT.	98578					<0.644	<0.902
MG/KG-DRY	ADHA						

Hunter/ESE, Inc.
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PROJECT MANAGER DOYCE BLAIR
LAB COORDINATOR ANGELA BURCH

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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			M585B1D P78-SC 60	FVDSS1 P78-SC 71	FVDSS2 P78-SC 72	FVDSS3 P78-SC 73	FVDSS5 P78-SC 75
DATE			01/12/89	12/07/88	12/07/88	12/07/88	12/07/88
TIME			16:10	11:30	13:30	14:00	14:40
BENZENE		34237	<0.218	<0.169	<0.203	<0.229	<0.158
MG/KG-DRY		ADPI					
TOLUENE		34483	<0.311	<0.242	<0.290	<0.327	<0.226
MG/KG-DRY		ADPI					
CHLOROBENZENE		34304	<0.373	<0.242	<0.290	<0.327	<0.226
MG/KG-DRY		ADPI					
ETHYLBENZENE		34374	<0.311	<0.242	<0.290	<0.327	<0.226
MG/KG-DRY		ADPI					
BROMOBENZENE		97036	<0.311	<1.21	<1.45	<1.63	<1.13
MG/KG-DRY		ADPI					
XYLENES, TOTAL		45510	<0.622	<0.483	<0.579	<0.654	<0.453
MG/KG-DRY		ADPI					
DICHLOROBENZENE, TOT.		98578	<1.40	<0.483	<0.579	<0.654	<0.453
MG/KG-DRY		ADPI					
METHYLCHLORIDE		34421	<0.124	<0.097	<0.116	<0.131	<0.091
MG/KG-DRY		ADHA					
METHYL BROMIDE		34416	<1.9	<1.4	<1.7	<2.0	<1.4
MG/KG-DRY		ADHA					
DICHLORODIFLUOROMETH		34334	<2.80	<2.17	<2.61	<2.94	<2.04
ANE		ADHA					
VINYL CHLORIDE		34495	<0.062	<0.048	<0.058	<0.065	<0.045
MG/KG-DRY		ADHA					
CHLOROETHANE		34314	<0.933	<0.097	<0.116	<0.131	<0.091
MG/KG-DRY		ADHA					
ETHYLENE CHLORIDE		34426	<0.622	<0.483	<0.579	<0.654	<0.453
MG/KG-DRY		ADHA					
TRICHLOROFLUOROMETHA		34491	<1.55	<0.483	<0.579	<0.654	<0.453
NE		ADHA					
1,1-DICHLOROETHENE		34504	<0.218	<0.097	<0.116	<0.131	<0.091
MG/KG-DRY		ADHA					
1,1 DICHLOROETHANE		34499	<0.062	<0.048	<0.058	<0.065	<0.045
MG/KG-DRY		ADHA					
TRANS-1,2-DICHLOROET		34549	<0.155	<0.121	<0.145	<0.163	<0.113
HENE		ADHA					
CHLOROFORM		34318	<0.062	<0.048	<0.058	<0.065	<0.045
MG/KG-DRY		ADHA					
1,2-DICHLOROETHANE		34534	<0.062	<0.048	<0.058	<0.065	<0.045
MG/KG-DRY		ADHA					
DIBROMOETHANE		78756	<1.55	<1.21	<1.45	<1.63	<1.13
MG/KG-DRY		ADHA					
1,1,1-TRICHLOROETHAN		34509	<0.062	0.713	0.723	1.45	1.09
E		ADHA					
CARBON TETRACHLORIDE		34299	<0.187	<0.145	<0.174	<0.196	<0.136
MG/KG-DRY		ADHA					
BROMODICHLOROMETHANE		34330	<0.155	<0.121	<0.145	<0.163	<0.113
MG/KG-DRY		ADHA					
1,2,-DICHLOROPROPANE		34544	<0.062	<0.048	<0.058	<0.065	<0.045
MG/KG-DRY		ADHA					
T-1,3-DICHLOROPROPEN		34697	<0.622	<0.483	<0.579	<0.654	<0.453
E		ADHA					
TRICHLOROETHYLENE		34487	0.265	<0.145	<0.174	<0.196	<0.136
MG/KG-DRY		ADHA					

Hunter/ESE, Inc.
PROJECT NUMBER 99003
FIELD GROUP P78-SC
ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOIL CONFIRMATIONS
PROJECT MANAGER DOYCE BLAIR
LAB COORDINATOR ANGELA BURCH

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PARAMETERS	STORET METHOD	SAMPLE ID/#				
		M585B1D P78-SC 60	FVDSS1 P78-SC 71	FVDSS2 P78-SC 72	FVDSS3 P78-SC 73	FVDSS5 P78-SC 75
UNITS						
DATE		01/12/89	12/07/88	12/07/88	12/07/88	12/07/88
TIME		16:10	11:30	13:30	14:00	14:40
DIBROMOCHLOROMETHANE	34309	<0.16	<0.12	<0.14	<0.16	<0.11
MG/KG-DRY	ADHA					
CIS-1,3-DICHLOROPROP	34702	<0.622	<0.483	<0.579	<0.654	<0.453
ENE	ADHA					
1,1,2- TRICHLOROETHA	34514	<0.031	<0.024	<0.029	<0.033	<0.023
NE	ADHA					
2-CHLOROETHYL VINYL E	34579	<0.218	<0.169	<0.203	<0.229	<0.158
THER	ADHA					
BROMOFORM	34290	<0.311	<0.242	<0.290	<0.327	<0.226
MG/KG-DRY	ADHA					
1,1,1,2-TETRACHLORO	97042	<1.55	<1.21	<1.45	<1.63	<1.13
THANE	ADHA					
TRICHLOROPROPANE	97043	<1.55	<0.145	<0.174	<0.196	<0.136
MG/KG-DRY	ADHA					
1,1,2,2-TETRACHLORO	34519	<0.062	<0.048	<0.058	<0.065	<0.045
THANE	ADHA					
TETRACHLOROETHYLENE	34478	<0.062	<0.048	<0.058	<0.065	<0.045
MG/KG-DRY	ADHA					
CHLOROBENZENE	34304	<0.373	<0.242	<0.290	<0.327	<0.226
MG/KG-DRY	ADHA					
1-CHLOROHEXANE	97039	<1.55	<1.21	<1.45	<1.63	<1.13
MG/KG-DRY	ADHA					
BROMOBENZENE	97036	<0.311	<1.21	<1.45	<1.63	<1.13
MG/KG-DRY	ADHA					
CHLOROBENZENE, TOT.	98578	<1.40	<0.483	<0.579	<0.654	<0.453
MG/KG-DRY	ADHA					

Hunter/ESE, Inc.
PROJECT NUMBER 99003
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DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOIL CONFIRMATIONS
PROJECT MANAGER DOYCE BLAIR
LAB COORDINATOR ANGELA BURCH

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PARAMETERS		STORET	SAMPLE ID/#				
UNITS	METHOD	FVDSS6 P78-SC 76	DUP P78-SC 80	DUP P78-SC 81	DUP P78-SC 82	DUP P78-SC 85	
DATE		12/07/88	12/15/88	12/15/88	12/15/88	01/12/89	
TIME		16:10					
BENZENE	34237	<0.174				<0.213	
MG/KG-DRY	ADPI						
TOLUENE	34483	<0.249				<0.304	
MG/KG-DRY	ADPI						
CHLOROBENZENE	34304	<0.249				<0.364	
MG/KG-DRY	ADPI						
ETHYLBENZENE	34374	<0.249				<0.304	
MG/KG-DRY	ADPI						
BROMOBENZENE	97036	<1.24				<0.304	
MG/KG-DRY	ADPI						
XYLENES, TOTAL	45510	<0.497				<0.607	
MG/KG-DRY	ADPI						
DICHLOROBENZENE, TOT.	98578	<0.497				<1.37	
MG/KG-DRY	ADPI						
METHYLCHLORIDE	34421	<0.099				<0.121	
MG/KG-DRY	ADHA						
METHYL BROMIDE	34416	<1.5				<1.8	
MG/KG-DRY	ADHA						
DICHLORODIFLUOROMETH	34334	<2.24				<2.73	
ANE	MG/KG-DRY	ADHA					
VINYL CHLORIDE	34495	<0.050				<0.061	
MG/KG-DRY	ADHA						
CHLOROETHANE	34314	<0.099				<0.911	
MG/KG-DRY	ADHA						
HYLENE CHLORIDE	34426	<0.497				<0.607	
MG/KG-DRY	ADHA						
TRICHLOROFLUOROMETHA	34491	<0.497				<1.52	
NE	MG/KG-DRY	ADHA					
1,1-DICHLOROETHENE	34504	<0.099				<0.213	
MG/KG-DRY	ADHA						
1,1 DICHLOROETHANE	34499	<0.050				<0.061	
MG/KG-DRY	ADHA						
TRANS-1,2-DICHLOROET	34549	<0.124				<0.152	
HENE	MG/KG-DRY	ADHA					
CHLOROFORM	34318	<0.050				<0.061	
MG/KG-DRY	ADHA						
1,2-DICHLOROETHANE	34534	<0.050				<0.061	
MG/KG-DRY	ADHA						
DIBROMOETHANE	78756	<1.24				<1.52	
MG/KG-DRY	ADHA						
1,1,1-TRICHLOROETHAN	34509	1.11	0.092	0.148	0.165	<0.061	
E	MG/KG-DRY	ADHA					
CARBON TETRACHLORIDE	34299	<0.149				<0.182	
MG/KG-DRY	ADHA						
BROMODICHLOROMETHANE	34330	<0.124				<0.152	
MG/KG-DRY	ADHA						
1,2,-DICHLOROPROPANE	34544	<0.050				<0.061	
MG/KG-DRY	ADHA						
T-1,3-DICHLOROPROPEN	34697	<0.497				<0.607	
E	MG/KG-DRY	ADHA					
TRICHLOROETHYLENE	34487	<0.149				0.173	
MG/KG-DRY	ADHA						

Hunter/ESE, Inc.
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DATE 03/27/89 STATUS :
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PROJECT MANAGER DOYCE BLAIR
LAB COORDINATOR ANGELA BURCH

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PARAMETERS		STORET	SAMPLE ID/#				
UNITS		METHOD	FVDSS6 P78-SC 76	DUP P78-SC 80	DUP P78-SC 81	DUP P78-SC 82	DUP P78-SC 85
DATE			12/07/88	12/15/88	12/15/88	12/15/88	01/12/89
TIME			16:10				
DIBROMOCHLOROMETHANE		34309	<0.12				<0.15
MG/KG-DRY		ADHA					
CIS-1,3-DICHLOROPROP		34702	<0.497				<0.607
ENE		MG/KG-DRY					
ADHA							
1,1,2- TRICHLOROETHA		34514	<0.025				<0.030
NE		MG/KG-DRY					
ADHA							
2-CHLOROETHYLVINYL E		34579	<0.174				<0.213
THER		MG/KG-DRY					
ADHA							
BROMOFORM		34290	<0.249				<0.304
MG/KG-DRY		ADHA					
1,1,1,2-TETRACHLOROE		97042	<1.24				<1.52
THANE		MG/KG-DRY					
ADHA							
TRICHLOROPROPANE		97043	<0.149				<1.52
MG/KG-DRY		ADHA					
1,1,2,2-TETRACHLOROE		34519	<0.050				<0.061
THANE		MG/KG-DRY					
ADHA							
TETRACHLOROETHYLENE		34478	<0.050				<0.061
MG/KG-DRY		ADHA					
CHLOROBENZENE		34304	<0.249				<0.364
MG/KG-DRY		ADHA					
1-CHLOROHEXANE		97039	<1.24				<1.52
MG/KG-DRY		ADHA					
BROMOBENZENE		97036	<1.24				<0.304
MG/KG-DRY		ADHA					
CHLOROBENZENE, TOT.		98578	<0.497				<1.37
MG/KG-DRY		ADHA					

Hunter/ESE, Inc.
PROJECT NUMBER 99003
FIELD GROUP P78-SC
ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOIL CONFIRMATIONS
PROJECT MANAGER DOYCE BLAIR
LAB COORDINATOR ANGELA BURCH
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PARAMETERS	STORET	FVDSS8
UNITS	METHOD	P78-SC
		100
DATE		12/15/88
TIME		14:00
BENZENE	34237	
MG/KG-DRY	ADPI	
TOLUENE	34483	
MG/KG-DRY	ADPI	
CHLOROBENZENE	34304	
MG/KG-DRY	ADPI	
ETHYLBENZENE	34374	
MG/KG-DRY	ADPI	
BROMOBENZENE	97036	
MG/KG-DRY	ADPI	
XYLENES, TOTAL	45510	
MG/KG-DRY	ADPI	
DICHLOROBENZENE, TOT.	98578	
MG/KG-DRY	ADPI	
METHYLCHLORIDE	34421	
MG/KG-DRY	ADHA	
METHYL BROMIDE	34416	
MG/KG-DRY	ADHA	
DICHLORODIFLUOROMETH	34334	
ANE	ADHA	
VINYL CHLORIDE	34495	
MG/KG-DRY	ADHA	
CHLOROETHANE	34314	
MG/KG-DRY	ADHA	
ETHYLENE CHLORIDE	34426	
MG/KG-DRY	ADHA	
TRICHLOROFUOROMETHA	34491	
NE	ADHA	
1,1-DICHLOROETHENE	34504	
MG/KG-DRY	ADHA	
1,1 DICHLOROETHANE	34499	
MG/KG-DRY	ADHA	
TRANS-1,2-DICHLOROET	34549	
HENE	ADHA	
CHLOROFORM	34318	
MG/KG-DRY	ADHA	
1,2-DICHLOROETHANE	34534	
MG/KG-DRY	ADHA	
DIBROMOETHANE	78756	
MG/KG-DRY	ADHA	
1,1,1-TRICHLOROETHAN	34509	0.147
E	ADHA	
CARBON TETRACHLORIDE	34299	
MG/KG-DRY	ADHA	
BROMODICHLOROMETHANE	34330	
MG/KG-DRY	ADHA	
1,2,-DICHLOROPROPANE	34544	
MG/KG-DRY	ADHA	
T-1,3-DICHLOROPROPEN	34697	
E	ADHA	
TRICHLOROETHYLENE	34487	
MG/KG-DRY	ADHA	

Hunter/ESE, Inc.
PROJECT NUMBER 99003
FIELD GROUP P78-SC
ALL

DATE 03/27/89 STATUS :
PROJECT NAME PLANT 78 SOIL CONFIRMATIONS
PROJECT MANAGER DOYCE BLAIR
LAB COORDINATOR ANGELA BURCH
SAMPLE ID/#

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PARAMETERS	STORET
UNITS	METHOD

FVDSS8
P78-SC
100

DATE 12/15/88
TIME 14:00

DIBROMOCHLOROMETHANE	34309
MG/KG-DRY	ADHA
CIS-1,3-DICHLOROPROP	34702
ENE	ADHA
MG/KG-DRY	ADHA
1,1,2- TRICHLOROETHA	34514
NE	ADHA
MG/KG-DRY	ADHA
2-CHLOROETHYLVINYL E	34579
THER	ADHA
MG/KG-DRY	ADHA
BROMOFORM	34290
MG/KG-DRY	ADHA
1,1,1,2-TETRACHLOROE	97042
THANE	ADHA
MG/KG-DRY	ADHA
TRICHLOROPROPANE	97043
MG/KG-DRY	ADHA
1,1,2,2-TETRACHLOROE	34519
THANE	ADHA
MG/KG-DRY	ADHA
TETRACHLOROETHYLENE	34478
MG/KG-DRY	ADHA
CHLOROBENZENE	34304
MG/KG-DRY	ADHA
1-CHLOROHEXANE	97039
MG/KG-DRY	ADHA
BROMOBENZENE	97036
MG/KG-DRY	ADHA
CHLOROBENZENE, TOT.	98578
MG/KG-DRY	ADHA

SOIL ANALYSIS
BASE/NEUTRAL ACIDS

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-S
ALL

DATE 03/21/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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PARAMETERS UNITS	STORET METHOD	SAMPLE ID/#				
		M585B1A P78-S 57	M585B1B P78-S 58	M585B1C P78-S 59	M585B1D P78-S 60	M585B2A P78-S 64
DATE TIME		01/11/89 14:57	01/12/89 10:20	01/12/89 11:48	01/12/89 16:10	01/19/89 17:23
ACENAPHTHENE, SOIL	99450	<0.01	<0.01	<0.01	<0.02	<0.01
MG/KG-DRY	ADMS					
ACENAPHTHYLENE, SOIL	99451	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS					
ACETOPHENONE	97643	<0.28	<0.28	<0.28	<0.32	<0.27
MG/KG-DRY	ADMS					
ANILINE	97644	<0.50	<0.50	<0.50	<0.57	<0.49
MG/KG-DRY	ADMS					
ANTHRACENE, SOIL	99452	<0.02	<0.02	<0.02	<0.03	<0.02
MG/KG-DRY	ADMS					
4-AMINOBIIPHENYL	97645	<2.6	<2.6	<2.6	<3.0	<2.6
MG/KG-DRY	ADMS					
BENZIDINE	97646	<6.6	<6.7	<6.7	<7.6	<6.5
MG/KG-DRY	ADMS					
BENZO(A)ANTHRACENE	99453	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS					
BENZO(B)FLUORANTHENE	99454	<0.03	<0.03	<0.03	<0.04	<0.03
,S	ADMS					
BENZO(K)FLUORANTHENE	99455	<0.07	<0.07	<0.07	<0.08	<0.07
MG/KG-DRY	ADMS					
BENZO(A)PYRENE	99456	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS					
BENZO(G,H,I,)PERYLEN	99691	<0.05	<0.05	<0.05	<0.06	<0.05
E	ADMS					
BENZYL ALCOHOL	97647	<0.03	<0.03	<0.03	<0.03	<0.03
MG/KG-DRY	ADMS					
BENZOIC ACID	97676	<0.13	<0.13	<0.13	<0.15	<0.13
MG/KG-DRY	ADMS					
BUTYL BENZYL PHTHALA	99463	<0.09	<0.09	<0.09	<0.10	<0.08
TE	ADMS					
BIS(2-CHLOROETHYL)ET	99458	<0.01	<0.01	<0.01	<0.01	<0.01
HER	ADMS					
BIS(2-CHLOROETHOXY)M	97493	<0.019	<0.019	<0.019	<0.022	<0.019
ETHANE	ADMS					
BIS(2-ETHYLHEXYL)PHT	99460	<0.13	<0.13	<0.13	<0.14	<0.12
HALATE	ADMS					
BIS(2-CHL'ISOPROPYL)	97547	<0.04	<0.04	<0.04	<0.05	<0.04
ETHER	ADMS					
4-BROMOPHENYL PHENYL	99462	<0.02	<0.02	<0.02	<0.03	<0.02
ETHER	ADMS					
4-CHLOROANILINE, SED	97648	<0.03	<0.03	<0.03	<0.03	<0.03
MG/KG-DRY	ADMS					
1-CHLORONAPHTHALENE	97649	<0.44	<0.45	<0.44	<0.51	<0.43
MG/KG-DRY	ADMS					
2-CHLORONAPHTHALENE	99464	<0.02	<0.02	<0.02	<0.02	<0.02
MG/KG-DRY	ADMS					
2-CHLOROPHENOL	99497	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS					
4-CHLORO-3-METHYLPHE	99683	<0.04	<0.04	<0.04	<0.04	<0.04
NOL	ADMS					
4-CHLOROPHENYLPHENYL	99465	<0.03	<0.03	<0.03	<0.04	<0.03
ETHER	ADMS					

BNA's
soils

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-S
ALL

DATE 03/21/89 STATUS :
PROJECT NAME PLANT 78 SOILS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			M585B1A P78-S 57	M585B1B P78-S 58	M585B1C P78-S 59	M585B1D P78-S 60	M585B2A P78-S 64
DATE			01/11/89	01/12/89	01/12/89	01/12/89	01/19/89
TIME			14:57	10:20	11:48	16:10	17:23
CHRYSENE		99690	<0.12	<0.13	<0.12	<0.14	<0.12
MG/KG-DRY		ADMS					
DIBENZ(A,J)ACRIDINE		97650	<3.1	<3.2	<3.1	<3.6	<3.1
MG/KG-DRY		ADMS					
DIBENZO(A,H)ANTHRACE		99466	<0.07	<0.07	<0.07	<0.08	<0.06
NE		ADMS					
DIBENZOFURAN		97651	<0.01	<0.01	<0.01	<0.02	<0.01
MG/KG-DRY		ADMS					
DI-N-BUTYLPHTHALATE		99467	<0.07	<0.07	<0.07	<0.08	<0.07
MG/KG-DRY		ADMS					
1,3-DICHLOROBENZENE		99468	<0.004	<0.004	<0.004	<0.005	<0.004
MG/KG-DRY		ADMS					
1,2-DICHLOROBENZENE		99470	<0.02	<0.02	<0.02	<0.02	<0.02
MG/KG-DRY		ADMS					
1,4-DICHLOROBENZENE		99469	<0.009	<0.009	<0.009	<0.01	<0.009
MG/KG-DRY		ADMS					
3,3-DICHLOROBENZIDIN		99471	<0.16	<0.16	<0.16	<0.18	<0.15
E		ADMS					
2,4-DICHLOROPHENOL		99498	<0.01	<0.01	<0.01	<0.02	<0.01
MG/KG-DRY		ADMS					
DIETHYLPHTHALATE		99472	<0.07	<0.07	<0.07	<0.08	<0.07
MG/KG-DRY		ADMS					
P-DIMETHYLAMINO BENZE		97652	<0.29	<0.29	<0.29	<0.33	<0.28
NE		ADMS					
2-DIMETHYLBENZ(A)		97653	<0.43	<0.44	<0.44	<0.50	<0.43
ANTHRANCE		ADMS					
MG/KG-DRY		ADMS					
A-,A-DIMETHYLPHENETH		97654	<0.57	<0.58	<0.57	<0.66	<0.56
YLAMINE		ADMS					
MG/KG-DRY		ADMS					
2,6-DICHLOROPHENOL		97677	<0.73	<0.74	<0.74	<0.84	<0.72
MG/KG-DRY		ADMS					
2,4-DIMETHYPHENOL		99499	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS					
DIMETHYLPHTHALATE		99473	<0.03	<0.03	<0.03	<0.04	<0.03
MG/KG-DRY		ADMS					
4,6-DINITRO-2-METHYL		97678	<0.12	<0.12	<0.12	<0.14	<0.12
PHENOL		ADMS					
MG/KG-DRY		ADMS					
2,4-DINITROPHENOL		99695	<0.14	<0.14	<0.14	<0.16	<0.13
MG/KG-DRY		ADMS					
2,4-DINITROTOLUENE		99474	<0.10	<0.10	<0.10	<0.11	<0.10
MG/KG-DRY		ADMS					
2,6-DINITROTOLUENE		99475	<0.07	<0.08	<0.07	<0.09	<0.07
MG/KG-DRY		ADMS					
DIPHENYLAMINE		97655	<0.33	<0.34	<0.33	<0.38	<0.33
MG/KG-DRY		ADMS					
1,2-DIPHENYLHYDRAZIN		99477	<0.62	<0.62	<0.62	<0.71	<0.61
,S		ADMS					
MG/KG-DRY		ADMS					
ETHYL METHANESULFONA		97656	<0.62	<0.63	<0.63	<0.72	<0.61
TE		ADMS					
MG/KG-DRY		ADMS					
DI-N-OCTYLPHTHALATE		99476	<0.20	<0.20	<0.20	<0.23	<0.19
MG/KG-DRY		ADMS					
FLUORANTHENE		99689	<0.06	<0.06	<0.06	<0.06	<0.05
MG/KG-DRY		ADMS					

Hunter/ESE, Inc.
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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			M585B1A P78-S 57	M585B1B P78-S 58	M585B1C P78-S 59	M585B1D P78-S 60	M585B2A P78-S 64
DATE			01/11/89	01/12/89	01/12/89	01/12/89	01/19/89
TIME			14:57	10:20	11:48	16:10	17:23
FLUORENE		99692	<0.03	<0.04	<0.04	<0.04	<0.03
MG/KG-DRY		ADMS					
HEXACHLOROBENZENE		99478	<0.03	<0.03	<0.03	<0.03	<0.03
MG/KG-DRY		ADMS					
HEXACHLOROBUTADIENE		99479	<0.02	<0.02	<0.02	<0.02	<0.02
MG/KG-DRY		ADMS					
HEXACHLOROCYCLOPENTA		97657	<0.07	<0.07	<0.07	<0.08	<0.07
DIENE		ADMS					
HEXACHLOROETHANE		99480	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS					
INDENO(1,2,3-CD)PYRE		99482	<0.06	<0.07	<0.06	<0.07	<0.06
NE		ADMS					
ISOPHORONE		99483	<0.01	<0.01	<0.01	<0.02	<0.01
MG/KG-DRY		ADMS					
3-METHYLCHOLANTHRENE		97658	<0.44	<0.44	<0.44	<0.51	<0.43
MG/KG-DRY		ADMS					
METHYL METHANESULFON		97659	<0.54	<0.55	<0.54	<0.63	<0.53
ATE		ADMS					
2-METHYLNAPHTHALENE		97660	<0.03	<0.03	<0.03	<0.04	<0.03
MG/KG-DRY		ADMS					
NAPHTHALENE		99696	<0.01	<0.01	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS					
1-NAPHTHYLAMINE		97661	<0.38	<0.39	<0.39	<0.44	<0.38
MG/KG-DRY		ADMS					
1-NAPHTHYLAMINE		97717	<0.30	<0.30	<0.30	<0.35	<0.30
MG/KG-DRY		ADMS					
2-NITROANILINE		97662	<0.09	<0.09	<0.09	<0.11	<0.09
MG/KG-DRY		ADMS					
3-NITROANILINE		97663	<0.12	<0.12	<0.12	<0.14	<0.12
MG/KG-DRY		ADMS					
4-NITROANILINE		97664	<0.15	<0.16	<0.15	<0.18	<0.15
MG/KG-DRY		ADMS					
NITROBENZENE		99485	<0.04	<0.04	<0.04	<0.05	<0.04
MG/KG-DRY		ADMS					
N-NITRISO-DI-N-BUTYLA		97665	<0.69	<0.70	<0.69	<0.80	<0.68
MINE		ADMS					
N-NITROSODIMETHYLAMI		97666	<0.57	<0.58	<0.58	<0.66	<0.56
NE		ADMS					
N-NITROSODIPHE'AMINE		97667	<0.02	<0.02	<0.02	<0.02	<0.02
MG/KG-DRY		ADMS					
N-NITROSOPIPERIDINE		97669	<1.2	<1.3	<1.2	<1.4	<1.2
MG/KG-DRY		ADMS					
PENTACHLOROBENZENE		97670	<0.43	<0.44	<0.43	<0.50	<0.42
MG/KG-DRY		ADMS					
PENTACHLORONITROBENZ		97671	<1.6	<1.6	<1.6	<1.8	<1.6
ENE		ADMS					
PHENACETIN		97672	<1.8	<1.8	<1.8	<2.0	<1.8
MG/KG-DRY		ADMS					
2-METHYLPHENOL		97679	<0.03	<0.03	<0.03	<0.04	<0.03
MG/KG-DRY		ADMS					
4-METHYLPHENOL		97680	<0.03	<0.03	<0.03	<0.04	<0.03
MG/KG-DRY		ADMS					

Hunter/ESE, Inc.
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PARAMETERS		STORET	SAMPLE ID/#				
UNITS	METHOD		M585B1A P78-S 57	M585B1B P78-S 58	M585B1C P78-S 59	M585B1D P78-S 60	M585B2A P78-S 64
DATE			01/11/89	01/12/89	01/12/89	01/12/89	01/19/89
TIME			14:57	10:20	11:48	16:10	17:23
2-NITROPHENOL	99495		<0.07	<0.07	<0.07	<0.08	<0.07
MG/KG-DRY	ADMS						
4-NITROPHENOL	99496		<0.15	<0.15	<0.15	<0.17	<0.15
MG/KG-DRY	ADMS						
N-NITROSODI-N-PROPYL	99487		<0.05	<0.06	<0.06	<0.06	<0.05
AMINE	ADMS						
PENTACHLOROPHENOL	99682		<0.07	<0.07	<0.07	<0.08	<0.07
MG/KG-DRY	ADMS						
PHENANTHRENE	99489		<0.02	<0.02	<0.02	<0.02	<0.02
MG/KG-DRY	ADMS						
2-PICOLINE	97673		<1.3	<1.3	<1.3	<1.5	<1.3
MG/KG-DRY	ADMS						
PRONAMIDE	97674		<0.84	<0.85	<0.84	<0.97	<0.83
MG/KG-DRY	ADMS						
PHENOL	99685		<0.04	<0.04	<0.04	<0.05	<0.04
MG/KG-DRY	ADMS						
PYRENE	99490		<0.07	<0.07	<0.07	<0.08	<0.07
MG/KG-DRY	ADMS						
1,2,4,5-TETRACHLOROB	97675		<0.68	<0.69	<0.69	<0.79	<0.68
ENZENE	ADMS						
1,2,4-TRICHLRBNZENE	99492		<0.02	<0.02	<0.02	<0.02	<0.02
MG/KG-DRY	ADMS						
2,3,4,6-TETRACHLOROP	97681		<0.72	<0.72	<0.72	<0.83	<0.71
HENOL	ADMS						
5-TRICH'PHENOL	98587		<0.04	<0.04	<0.04	<0.04	<0.04
MG/KG-DRY	ADMS						
2,4,6-TRICHLRPHENOL	99684		<0.01	<0.01	<0.01	<0.02	<0.01
MG/KG-DRY	ADMS						

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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#		
			M585B2B P78-S 65	M585B2C P78-S 66	DUP P78-S 86
DATE			01/20/89	01/20/89	01/20/89
TIME			11:24	15:35	
ACENAPHTHENE, SOIL		99450	<0.01	<0.02	<0.01
MG/KG-DRY		ADMS			
ACENAPHTHYLENE, SOIL		99451	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS			
ACETOPHENONE		97643	<0.26	<0.29	<0.26
MG/KG-DRY		ADMS			
ANILINE		97644	<0.47	<0.53	<0.47
MG/KG-DRY		ADMS			
ANTHRACENE, SOIL		99452	<0.02	<0.03	<0.02
MG/KG-DRY		ADMS			
4-AMINOBIIPHENYL		97645	<2.5	<2.8	<2.5
MG/KG-DRY		ADMS			
BENZIDINE		97646	<6.3	<7.0	<6.3
MG/KG-DRY		ADMS			
BENZO(A)ANTHRACENE		99453	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS			
BENZO(B)FLUORANTHENE		99454	<0.03	<0.03	<0.03
,S		ADMS			
BENZO(K)FLUORANTHENE		99455	<0.06	<0.07	<0.06
MG/KG-DRY		ADMS			
BENZO(A)PYRENE		99456	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS			
BENZO(G,H,I,)PERYLEN		99691	<0.05	<0.05	<0.05
E		ADMS			
BENZYL ALCOHOL		97647	<0.03	<0.03	<0.03
MG/KG-DRY		ADMS			
BENZOIC ACID		97676	<0.12	<0.14	<0.12
MG/KG-DRY		ADMS			
BUTYL BENZYL PHTHALA		99463	<0.08	<0.09	<0.08
TE		ADMS			
BIS(2-CHLOROETHYL)ET		99458	<0.01	<0.01	<0.01
HER		ADMS			
BIS(2-CHLOROETHOXY)M		97493	<0.018	<0.020	<0.018
ETHANE		ADMS			
BIS(2-ETHYLHEXYL)PHT		99460	<0.12	<0.13	<0.12
HALATE		ADMS			
BIS(2-CHL'ISOPROPYL)		97547	<0.04	<0.04	<0.04
ETHER		ADMS			
4-BROMOPHENYL PHENYL		99462	<0.02	<0.02	<0.02
ETHER		ADMS			
4-CHLOROANILINE, SED		97648	<0.03	<0.03	<0.03
MG/KG-DRY		ADMS			
1-CHLORONAPHTHALENE		97649	<0.42	<0.47	<0.42
MG/KG-DRY		ADMS			
2-CHLORONAPHTHALENE		99464	<0.02	<0.02	<0.02
MG/KG-DRY		ADMS			
2-CHLOROPHENOL		99497	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS			
4-CHLORO-3-METHYLPHE		99683	<0.04	<0.04	<0.04
NOL		ADMS			
4-CHLOROPHENYLPHENYL		99465	<0.03	<0.03	<0.03
ETHER		ADMS			

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PARAMETERS	STORET	M585B2B	M585B2C	DUP
UNITS	METHOD	P78-S	P78-S	P78-S
		65	66	86
DATE		01/20/89	01/20/89	01/20/89
TIME		11:24	15:35	
CHRYSENE	99690	<0.12	<0.13	<0.12
MG/KG-DRY	ADMS			
DIBENZ(A,J)ACRIDINE	97650	<3.0	<3.3	<3.0
MG/KG-DRY	ADMS			
DIBENZO(A,H)ANTHRACE	99466	<0.06	<0.07	<0.06
NE	ADMS			
DIBENZOFURAN	97651	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS			
DI-N-BUTYLPHTHALATE	99467	<0.07	<0.07	<0.07
MG/KG-DRY	ADMS			
1,3-DICHLOROBENZENE	99468	<0.004	<0.004	<0.004
MG/KG-DRY	ADMS			
1,2-DICHLOROBENZENE	99470	<0.02	<0.02	<0.02
MG/KG-DRY	ADMS			
1,4-DICHLOROBENZENE	99469	<0.009	<0.010	<0.009
MG/KG-DRY	ADMS			
3,3-DICHLOROBENZIDIN	99471	<0.15	<0.16	<0.15
E	ADMS			
2,4-DICHLOROPHENOL	99498	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS			
DIETHYLPHTHALATE	99472	<0.06	<0.07	<0.06
MG/KG-DRY	ADMS			
P-DIMETHYLAMINOBEZENE	97652	<0.27	<0.30	<0.27
NE	ADMS			
7-DIMETHYLBENZ(A)	97653	<0.41	<0.46	<0.41
ANTHRANCE	ADMS			
A-,A-DIMETHYLPHENETH	97654	<0.54	<0.60	<0.54
YLAMINE	ADMS			
2,6-DICHLOROPHENOL	97677	<0.69	<0.78	<0.69
MG/KG-DRY	ADMS			
2,4-DIMETHYPHENOL	99499	<0.01	<0.01	<0.01
MG/KG-DRY	ADMS			
DIMETHYLPHTHALATE	99473	<0.03	<0.04	<0.03
MG/KG-DRY	ADMS			
4,6-DINITRO-2-METHYL	97678	<0.11	<0.13	<0.11
PHENOL	ADMS			
2,4-DINITROPHENOL	99695	<0.13	<0.14	<0.13
MG/KG-DRY	ADMS			
2,4-DINITROTOLUENE	99474	<0.09	<0.10	<0.09
MG/KG-DRY	ADMS			
2,6-DINITROTOLUENE	99475	<0.07	<0.08	<0.07
MG/KG-DRY	ADMS			
DIPHENYLAMINE	97655	<0.31	<0.35	<0.31
MG/KG-DRY	ADMS			
1,2-DIPHENYLHYDRAZIN	99477	<0.58	<0.65	<0.58
,S	ADMS			
ETHYL METHANESULFONA	97656	<0.59	<0.66	<0.59
TE	ADMS			
DI-N-OCTYLPHTHALATE	99476	<0.19	<0.21	<0.19
MG/KG-DRY	ADMS			
FLUORANTHENE	99689	<0.05	<0.06	<0.05
MG/KG-DRY	ADMS			

Hunter/ESE, Inc.
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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#		
			M585B2B P78-S 65	M585B2C P78-S 66	DUP P78-S 86
DATE			01/20/89	01/20/89	01/20/89
TIME			11:24	15:35	
FLUORENE		99692	<0.03	<0.04	<0.03
	MG/KG-DRY	ADMS			
HEXACHLOROBENZENE		99478	<0.03	<0.03	<0.03
	MG/KG-DRY	ADMS			
HEXACHLOROBUTADIENE		99479	<0.02	<0.02	<0.02
	MG/KG-DRY	ADMS			
HEXACHLOROCYCLOPENTA DIENE		97657	<0.06	<0.07	<0.06
	MG/KG-DRY	ADMS			
HEXACHLOROETHANE		99480	<0.01	<0.01	<0.01
	MG/KG-DRY	ADMS			
INDENO(1,2,3-CD)PYRE NE		99482	<0.06	<0.07	<0.06
	MG/KG-DRY	ADMS			
ISOPHORONE		99483	<0.01	<0.02	<0.01
	MG/KG-DRY	ADMS			
3-METHYLCHOLANTHRENE		97658	<0.42	<0.47	<0.42
	MG/KG-DRY	ADMS			
METHYL METHANESULFON ATE		97659	<0.51	<0.57	<0.51
	MG/KG-DRY	ADMS			
2-METHYLNAPHTHALENE		97660	<0.03	<0.04	<0.03
	MG/KG-DRY	ADMS			
NAPHTHALENE		99696	<0.010	<0.01	<0.010
	MG/KG-DRY	ADMS			
1-NAPHTHYLAMINE		97661	<0.36	<0.41	<0.36
	MG/KG-DRY	ADMS			
2-NAPHTHYLAMINE		97717	<0.29	<0.32	<0.28
	MG/KG-DRY	ADMS			
2-NITROANILINE		97662	<0.09	<0.10	<0.09
	MG/KG-DRY	ADMS			
3-NITROANILINE		97663	<0.12	<0.13	<0.12
	MG/KG-DRY	ADMS			
4-NITROANILINE		97664	<0.15	<0.16	<0.15
	MG/KG-DRY	ADMS			
NITROBENZENE		99485	<0.04	<0.05	<0.04
	MG/KG-DRY	ADMS			
N-NITRISO-DI-N-BUTYLA MINE		97665	<0.65	<0.73	<0.65
	MG/KG-DRY	ADMS			
N-NITROSODIMETHYLAMI NE		97666	<0.54	<0.61	<0.54
	MG/KG-DRY	ADMS			
N-NITROSODIPHE'AMINE		97667	<0.02	<0.02	<0.02
	MG/KG-DRY	ADMS			
N-NITROSOPIPERIDINE		97669	<1.2	<1.3	<1.2
	MG/KG-DRY	ADMS			
PENTACHLOROBENZENE		97670	<0.41	<0.46	<0.41
	MG/KG-DRY	ADMS			
PENTACHLORONITROBENZ ENE		97671	<1.5	<1.7	<1.5
	MG/KG-DRY	ADMS			
PHENACETIN		97672	<1.7	<1.9	<1.7
	MG/KG-DRY	ADMS			
2-METHYLPHENOL		97679	<0.03	<0.04	<0.03
	MG/KG-DRY	ADMS			
4-METHYLPHENOL		97680	<0.03	<0.03	<0.03
	MG/KG-DRY	ADMS			

Hunter/ESE, Inc.
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PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#		
			M585B2B P78-S 65	M585B2C P78-S 66	DUP P78-S 86
DATE			01/20/89	01/20/89	01/20/89
TIME			11:24	15:35	
2-NITROPHENOL		99495	<0.07	<0.08	<0.07
MG/KG-DRY		ADMS			
4-NITROPHENOL		99496	<0.14	<0.16	<0.14
MG/KG-DRY		ADMS			
N-NITROSODI-N-PROPYL		99487	<0.05	<0.06	<0.05
AMINE		ADMS			
PENTACHLOROPHENOL		99682	<0.07	<0.08	<0.07
MG/KG-DRY		ADMS			
PHENANTHRENE		99489	<0.02	<0.02	<0.02
MG/KG-DRY		ADMS			
2-PICOLINE		97673	<1.2	<1.4	<1.2
MG/KG-DRY		ADMS			
PRONAMIDE		97674	<0.79	<0.89	<0.79
MG/KG-DRY		ADMS			
PHENOL		99685	<0.04	<0.04	<0.04
MG/KG-DRY		ADMS			
PYRENE		99490	<0.06	<0.07	<0.06
MG/KG-DRY		ADMS			
1,2,4,5-TETRACHLOROB		97675	<0.65	<0.73	<0.65
ENZENE		ADMS			
1,2,4-TRICHLRBENZENE		99492	<0.02	<0.02	<0.02
MG/KG-DRY		ADMS			
2,3,4,6-TETRACHLOROP		97681	<0.68	<0.76	<0.68
HENOL		ADMS			
2,4,6-TRICH'PHENOL		98587	<0.04	<0.04	<0.03
MG/KG-DRY		ADMS			
2,4,6-TRICHLRPHENOL		99684	<0.01	<0.01	<0.01
MG/KG-DRY		ADMS			

SOIL ANALYSIS
TCLP

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-G-S
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DATE 03/23/89 STATUS :
PROJECT NAME PLANT 78 SOILS (GNV)
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH
SAMPLE ID/#

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PARAMETERS	STORER	P4-TCLP-A	P4-TCLP-B	P5-TCLP-A	P5-TCLP-B	P6-TCLP-A
UNITS	METHOD	P78-G-S	P78-G-S	P78-G-S	P78-G-S	P78-G-S
		1	2	3	4	5
DATE		01/12/89	01/12/89	01/12/89	01/12/89	01/25/89
TIME		10:30	10:30	10:00	10:00	10:36
CARBON TETRACHLORIDE	32102	<12	<4.8	<4.8	<4.8	<2.4
UG/L	ADMS					
TOLUENE	34010	<17	<6.7	<6.7	<6.7	<3.4
UG/L	ADMS					
BENZENE	34030	<4.8	<1.9	<1.9	<1.9	<0.96
UG/L	ADMS					
ACRYLONITRILE	34215	<45	<18	<18	<18	<9.0
UG/L	ADMS					
BIS(2-CHLOROETHYL)	34273	<0.28	<0.28	<0.28	<0.28	<0.28
ETHER	ADMS					
CHLOROBENZENE	34301	<2.7	<1.1	<1.1	<1.1	<0.53
UG/L	ADMS					
CHLOROETHANE	34311	<50	<20	<20	<20	<10
UG/L	ADMS					
HEXACHLOROBUTADIENE	34391	<0.54	<0.54	<0.54	<0.54	<0.54
UG/L	ADMS					
HEXACHLOROETHANE	34396	<0.28	<0.28	<0.28	<0.28	<0.28
UG/L	ADMS					
METHYLENE CHLORIDE	34423	<16	<6.4	<6.4	<6.4	<3.2
UG/L	ADMS					
NITROBENZENE	34447	<1.1	<1.1	<1.1	<1.1	<1.1
UG/L	ADMS					
TETRACHLOROETHENE	34475	<9.8	<3.9	<3.9	<3.9	<2.0
UG/L	ADMS					
DICHLOROETHYLENE	34501	<13	<5.2	<5.2	<5.2	<2.6
UG/L	ADMS					
1,1,1-TRICHL'ETHANE	34506	<6.3	<2.5	<2.5	<2.5	<1.3
UG/L	ADMS					
1,1,2-TRICHL'ETHANE	34511	<2.3	<0.91	<0.91	<0.91	<0.45
UG/L	ADMS					
1,1,2,2-TETRACHLORO	34516	<10	<4.0	<4.0	<4.0	<2.0
ETHANE	ADMS					
1,2-DICHLOROETHANE	34531	<5.0	<2.0	<2.0	<2.0	<1.00
UG/L	ADMS					
1,2-DICHLOROBENZENE	34536	<0.40	<0.40	<0.40	<0.40	<0.40
UG/L	ADMS					
1,4-DICHLOROBENZENE	34571	<0.24	<0.24	<0.24	<0.24	<0.24
UG/L	ADMS					
2,4-DINITROTOLUENE	34611	<2.4	<2.4	<2.4	<2.4	<2.4
UG/L	ADMS					
2,4,6-TRICHL'PHENOL	34621	<0.34	<0.34	<0.34	<0.34	<0.34
UG/L	ADMS					
PHENOL	34694	<1.0	<1.0	<1.0	<1.0	<1.0
UG/L	ADMS					
PENTACHLOROPHENOL	39032	<1.8	<1.8	<1.8	<1.8	<1.8
UG/L	ADMS					
VINYL CHLORIDE	39175	<31	<12	<12	<12	<6.2
UG/L	ADMS					
TRICHLOROETHENE	39180	<3.8	<1.5	<1.5	<1.5	<0.75
UG/L	ADMS					
HEXACHLOROBENZENE	39700	<0.68	<0.68	<0.68	<0.68	<0.68
UG/L	ADMS					

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-G-S
ALL

DATE 03/23/89 STATUS :
PROJECT NAME PLANT 78 SOILS (GNV)
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

PAGE 2

PARAMETERS	UNITS	STORET METHOD	P4-TCLP-A	P4-TCLP-B	P5-TCLP-A	P5-TCLP-B	P6-TCLP-A
			P78-G-S 1	P78-G-S 2	P78-G-S 3	P78-G-S 4	P78-G-S 5
DATE			01/12/89	01/12/89	01/12/89	01/12/89	01/25/89
TIME			10:30	10:30	10:00	10:00	10:36
CARBON DISULFIDE		77041	<8.6	24	75	4.1	1.9
UG/L		ADMS					
2,4,5-TRICHL'PHENOL		77687	<0.9	<0.9	<0.9	<0.9	<0.9
UG/L		ADMS					
METHYL ETHYL KETONE		81595	<41	<16	<16	<16	<8.1
UG/L		ADMS					
ISOBUTANOL		97203	<250	<100	<100	<100	<50
UG/L		ADMS					
1,1,1,2-TETRACL'ETHA		97204	<10	<4.0	<4.0	<4.0	<2.0
NE		ADMS					
M-CRESOL		97206	<1.0	<1.0	<1.0	<1.0	<1.0
UG/L		ADMS					
PYRIDINE		97208	<50	<20	<20	<20	<10
UG/L		ADMS					
2,3,4,6 TETRACL'PHEN		97209	<18	<18	<18	<18	<18
OL		ADMS					
2-METHYL PHENOL		99073	<0.840	<0.840	<0.840	<0.840	<0.840
UG/L		ADMS					
4-METHYL PHENOL		99074	<0.800	<0.800	<0.800	<0.800	<0.800
UG/L		ADMS					
BHC,G(LINDANE)		39340	<0.050	<0.050	<0.050	<0.050	<0.050
UG/L		ADEC					
CHLORDANE		39350	<0.500	<0.500	<0.500	<0.500	<0.500
UG/L		ADEC					
RIN		39390	<0.100	<0.100	<0.100	<0.100	<0.100
UG/L		ADEC					
TOXAPHENE		39400	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L		ADEC					
HEPTACHLOR		39410	<0.050	<0.050	<0.050	<0.050	<0.050
UG/L		ADEC					
METHOXYCHLOR		39480	<0.500	<0.500	<0.500	<0.500	<0.500
UG/L		ADEC					
2,4-D, TOTAL		39730	<0.500	<0.550	<0.450	<0.450	<0.500
UG/L		ADEC					
2,4,5-TP/SILVEX		39760	<0.150	<0.150	<0.100	<0.100	<0.100
UG/L		ADEC					
MERCURY,TOTAL		97531	<0.001	<0.001	<0.001	<0.001	<0.001
MG/L		ADCV					
ARSENIC,TOTAL		97532	<0.0050	0.0099	<0.0050	<0.0050	<0.0050
MG/L		ADGF					
SELENIUM,TOTAL		97534	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
MG/L		ADGF					
BARIUM,TOTAL		97516	0.906	0.722	0.905	1.13	0.510
MG/L		AICP					
CADMIUM,TOTAL		97519	0.0070	0.0069	0.0084	0.0106	0.0105
MG/L		AICP					
CHROMIUM,TOTAL		97521	<0.0068	<0.0068	<0.0068	<0.0068	<0.0068
MG/L		AICP					
SILVER,TOTAL		97528	<0.0057	<0.0057	<0.0057	<0.0057	<0.0057
MG/L		AICP					
LEAD,TOTAL		97633	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500
MG/L		AICP					

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-G-S
ALL

DATE 03/23/89 STATUS :
PROJECT NAME PLANT 78 SOILS (GNV)
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH
SAMPLE ID/#

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AMETERS	STORET	P7-TCLP-A	DUP1
UNITS	METHOD	P78-G-S	P78-G-S
		9	100
DATE		02/07/89	01/25/89
TIME		16:00	10:00
CARBON TETRACHLORIDE	32102	<2.4	<2.4
UG/L	ADMS		
TOLUENE	34010	<3.4	<3.4
UG/L	ADMS		
BENZENE	34030	<0.96	<0.96
UG/L	ADMS		
ACRYLONITRILE	34215	<9.0	<9.0
UG/L	ADMS		
BIS(2-CHLOROETHYL)	34273	<0.28	<0.28
ETHER UG/L	ADMS		
CHLOROBENZENE	34301	<0.53	<0.53
UG/L	ADMS		
CHLOROETHANE	34311	<10	<10
UG/L	ADMS		
HEXACHLOROBUTADIENE	34391	<0.54	<0.54
UG/L	ADMS		
HEXACHLOROETHANE	34396	<0.28	<0.28
UG/L	ADMS		
METHYLENE CHLORIDE	34423	<3.2	<3.2
UG/L	ADMS		
NITROBENZENE	34447	<1.1	<1.1
UG/L	ADMS		
TETRACHLOROETHENE	34475	<2.0	<2.0
UG/L	ADMS		
1,1-DICHLOROETHYLENE	34501	<2.6	<2.6
UG/L	ADMS		
1,1,1-TRICHL'ETHANE	34506	<1.3	<1.3
UG/L	ADMS		
1,1,2-TRICHL'ETHANE	34511	<0.45	<0.45
UG/L	ADMS		
1,1,2,2-TETRACHLORO	34516	<2.0	<2.0
ETHANE UG/L	ADMS		
1,2-DICHLOROETHANE	34531	<1.00	<1.00
UG/L	ADMS		
1,2-DICHLOROBENZENE	34536	<0.40	<0.40
UG/L	ADMS		
1,4-DICHLOROBENZENE	34571	<0.24	<0.24
UG/L	ADMS		
2,4-DINITROTOLUENE	34611	<2.4	<2.4
UG/L	ADMS		
2,4,6-TRICHL'PHENOL	34621	<0.34	<0.34
UG/L	ADMS		
PHENOL	34694	<1.0	<1.0
UG/L	ADMS		
PENTACHLOROPHENOL	39032	<1.8	<1.8
UG/L	ADMS		
VINYL CHLORIDE	39175	<6.2	<6.2
UG/L	ADMS		
TRICHLOROETHENE	39180	<0.75	<0.75
UG/L	ADMS		
HEXACHLOROBENZENE	39700	<0.68	<0.68
UG/L	ADMS		

Hunter/ESE, Inc.
PROJECT NUMBER FREE
FIELD GROUP P78-G-S
ALL

DATE 03/23/89 STATUS :
PROJECT NAME PLANT 78 SOILS (GNV)
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH
SAMPLE ID/#

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AMETERS	STORET	P7-TCLP-A	DUP1
UNITS	METHOD	P78-G-S	P78-G-S
		9	100
DATE		02/07/89	01/25/89
TIME		16:00	10:00
CARBON DISULFIDE	77041	<1.7	4.8
UG/L	ADMS		
2,4,5-TRICHL'PHENOL	77687	<0.9	<0.9
UG/L	ADMS		
METHYL ETHYL KETONE	81595	<8.1	<8.1
UG/L	ADMS		
ISOBUTANOL	97203	<50	<50
UG/L	ADMS		
1,1,1,2-TETRACL'ETHA	97204	<2.0	<2.0
NE	ADMS		
M-CRESOL	97206	<1.0	<1.0
UG/L	ADMS		
PYRIDINE	97208	<10	<10
UG/L	ADMS		
2,3,4,6 TETRACL'PHEN	97209	<18	<18
OL	ADMS		
2-METHYL PHENOL	99073	<0.840	<0.840
UG/L	ADMS		
4-METHYL PHENOL	99074	<0.800	<0.800
UG/L	ADMS		
BHC,G(LINDANE)	39340	<0.050	<0.050
UG/L	ADEC		
CHLORDANE	39350	<0.500	<0.500
UG/L	ADEC		
RIN	39390	<0.100	<0.100
UG/L	ADEC		
TOXAPHENE	39400	<1.00	<1.00
UG/L	ADEC		
HEPTACHLOR	39410	<0.050	<0.050
UG/L	ADEC		
METHOXYCHLOR	39480	<0.500	<0.500
UG/L	ADEC		
2,4-D, TOTAL	39730	<0.450	<0.450
UG/L	ADEC		
2,4,5-TP/SILVEX	39760	<0.150	<0.100
UG/L	ADEC		
MERCURY,TOTAL	97531	<0.001	<0.001
MG/L	ADCV		
ARSENIC,TOTAL	97532	<0.0050	<0.0050
MG/L	ADGF		
SELENIUM,TOTAL	97534	<0.0050	<0.0050
MG/L	ADGF		
BARIUM,TOTAL	97516	0.456	0.953
MG/L	AICP		
CADMIUM,TOTAL	97519	0.0045	0.0118
MG/L	AICP		
CHROMIUM,TOTAL	97521	<0.0068	0.0087
MG/L	AICP		
SILVER,TOTAL	97528	<0.0057	<0.0057
MG/L	AICP		
LEAD,TOTAL	97633	<0.0500	<0.0500
MG/L	AICP		

SOIL ANALYSIS
HERBICIDES

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 SOILS (GNV)

FIELD GROUP P78-G-S

PROJECT MANAGER CHRIS DREIER

8150-S

LAB COORDINATOR ANGELA BURCH

PARAMETERS		STORET	SAMPLE ID/#				
UNITS	METHOD	FVDSS1 P78-G-S 11	FVDSS2 P78-G-S 12	FVDSS3 P78-G-S 13	FVDSS5 P78-G-S 15	FVDSS6 P78-G-S 16	
DATE		12/07/89	12/07/89	12/07/89	12/07/89	12/06/89	
TIME		11:30	13:30	14:00	14:40	16:10	
2,4-D	99239	<0.116	<0.123	<0.143	<0.111	<0.118	
MG/KG-DRY	AEC						
2,4-DB	97484	<0.1	<0.1	<0.1	<0.1	<0.1	
MG/KG-DRY	AEC						
2,4,5-TP/SILVEX	97483	<0.050	<0.052	<0.061	<0.047	<0.051	
MG/KG-DRY	AEC						
2,4,5-T	99240	<0.049	<0.052	<0.060	<0.047	<0.050	
MG/KG-DRY	AEC						
DALAPON	97487	<0.049	<0.052	<0.060	<0.047	<0.050	
MG/KG-DRY	AEC						
DICAMBA (BANVEL)	97492	<0.055	<0.058	<0.068	<0.053	<0.056	
MG/KG-DRY	AEC						
DICHLOROPROP	97489	<0.051	<0.054	<0.063	<0.049	<0.052	
MG/KG-DRY	AEC						
DINOSEB	97490	<0.110	<0.117	<0.136	<0.105	<0.113	
MG/KG-DRY	AEC						
MCPA	97491	<12.8	<13.6	<15.8	<12.3	<13.1	
MG/KG-DRY	AEC						
MCPP	97488	<12.9	<13.7	<16.0	<12.4	<13.2	
MG/KG-DRY	AEC						

Hunter/ESE, Inc.

PROJECT NUMBER 99003-0100-1710

FIELD GROUP P78-G-S

8150-S

DATE 03/30/89 STATUS :

PROJECT NAME PLANT 78 SOILS (GNV)

PROJECT MANAGER CHRIS DREIER

LAB COORDINATOR ANGELA BURCH

PAGE 2

PARAMETERS		STORET	FVDSS7	FVDSS8	DUP
UNITS		METHOD	P78-G-S	P78-G-S	P78-G-S
			17	18	19
DATE			12/06/89	12/15/89	12/15/89
TIME			16:41	12:00	12:00
2,4-D		99239	<0.144	<0.123	<0.125
	MG/KG-DRY	AEC			
2,4-DB		97484	<0.1	<0.1	<0.1
	MG/KG-DRY	AEC			
2,4,5-TP/SILVEX		97483	<0.061	<0.053	<0.054
	MG/KG-DRY	AEC			
2,4,5-T		99240	<0.061	<0.052	<0.053
	MG/KG-DRY	AEC			
DALAPON		97487	<0.061	<0.052	<0.053
	MG/KG-DRY	AEC			
DICAMBA (BANVEL)		97492	<0.068	<0.059	<0.060
	MG/KG-DRY	AEC			
DICHLOROPROP		97489	<0.063	<0.054	<0.055
	MG/KG-DRY	AEC			
DINOSEB		97490	<0.137	<0.117	<0.119
	MG/KG-DRY	AEC			
MCPA		97491	<15.9	<13.7	<13.9
	MG/KG-DRY	AEC			
MCPP		97488	<16.1	<13.8	<14.0
	MG/KG-DRY	AEC			

WATER ANALYSIS
8010/8020, TOTAL HYDROCARBONS

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

PARAMETERS	STOR	NDDSW1	NDDSW2	P-3	E512SW1	P-5
UNITS	RET	P78-W	P78-W	P78-W	P78-W	P78-W
	METHOD	1	2	3	5	6
DATE		12/01/88	12/01/88	01/31/89	12/15/88	01/24/89
TIME		15:40	16:21	10:30	10:00	14:30
BENZENE	34030	<0.70	<0.70	<0.70	<0.70	<0.70
UG/L	PI					
TOLUENE	34010	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	PI					
CHLOROBENZENE	34301	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	PI					
ETHYLBENZENE	34371	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	PI					
BROMOBENZENE	99634	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	PI					
XYLENES, TOTAL	81551	<2.00	<2.00	<2.00	<2.00	<2.00
UG/L	PI					
DICHLOROBENZENE, TOT.	81524	<4.50	<4.50	<4.50	<4.50	<4.50
UG/L	PI					
CHLOROMETHANE	34418	<0.400	2.81	<0.500	<0.400	<0.500
UG/L	HA					
BROMOMETHANE	34413	<6.00	<6.00	<6.00	<6.00	<6.00
UG/L	HA					
VINYL CHLORIDE	39175	<0.200	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
CHLOROETHANE	34311	<3.00	<3.00	<3.00	<3.00	<3.00
UG/L	HA					
DICHLORODIFLUORO	34668	<9.00	<9.00	<9.00	<9.00	<9.00
METHANE	UG/L					
ETHYLENE CHLORIDE	34423	<2.00	<2.00	<2.00	<2.00	<2.00
UG/L	HA					
TRICHL' FLUOROMETHANE	34488	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	HA					
1,1-DICHLOROETHYLENE	34501	<0.400	0.688	<70.0	<0.700	4.85
UG/L	HA					
1,1-DICHLOROETHANE	34496	<0.200	1.16	2.54	<0.400	0.548
UG/L	HA					
TRANS-1,2-DICHLORO	34546	<0.500	<0.500	<0.500	<0.500	<0.500
ETHENE	UG/L					
CHLOROFORM	32106	<0.200	0.262	0.765	0.430	0.346
UG/L	HA					
1,2-DICHLOROETHANE	34531	4.29	9.93	<0.410	<0.200	1.43
UG/L	HA					
DIBROMOMETHANE	81522	<5.00	<5.00	<6.00	<5.00	<6.00
UG/L	HA					
1,1,1-TRICHL' ETHANE	34506	<0.200	7.53	465	4.17	16.0
UG/L	HA					
CARBON TETRACHLORIDE	32102	<0.600	<0.600	<0.600	<0.600	<0.600
UG/L	HA					
BROMODICHLOROMETHANE	32101	<0.500	<0.500	<0.500	<0.500	<0.500
UG/L	HA					
1,2-DICHLOROPROPANE	34541	<0.200	0.450	<0.200	<0.200	<0.200
UG/L	HA					
TRANS-1,3-DICHLORO	34699	<2.00	<2.00	<2.00	<2.00	<2.00
PROPENE	UG/L					
1,1,2-TRICHL' ETHANE	34511	<0.400	<0.400	<0.200	<0.100	<0.200
UG/L	HA					

PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			NDDSW1 P78-W 1	NDDSW2 P78-W 2	P-3 P78-W 3	E512SW1 P78-W 5	P-5 P78-W 6
DATE			12/01/88	12/01/88	01/31/89	12/15/88	01/24/89
TIME			15:40	16:21	10:30	10:00	14:30
TRICHLOROETHENE		39180	<0.600	0.626	1410	<0.600	664
UG/L		HA					
DIBROMOCHLOROMETHANE		32105	<0.700	<0.700	<0.500	<0.500	<0.500
UG/L		HA					
CIS-1,3-DICHLORO		34704	<2.00	<2.00	<0.500	<2.00	<0.500
PROPENE		HA					
2-CHLOROETHYL VINYL		34576	<0.700	<0.700	<0.700	<0.700	<0.700
ETHER		HA					
BROMOFORM		32104	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L		HA					
1,1,1,2-TETRACHLOROETHANE		77562	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L		HA					
TRICHLOROPROPANE		97758	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L		HA					
TETRACHLOROETHENE		34475	<0.200	<0.200	0.505	<0.200	<0.200
UG/L		HA					
1,1,2,2-TETRACHLOROETHANE		34516	<0.200	<0.200	<0.200	<0.200	<0.200
UG/L		HA					
CHLOROBENZENE		34301	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L		HA					
1-CHLOROHEXANE		97761	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L		HA					
BROMOBENZENE		99634	<5	<5	<5	<5	<5
UG/L		HA					
CHLOROBENZENE, TOT.		81524	<4.50	<4.50	<4.50	<4.50	<4.50
UG/L		HA					
DISS. SOLIDS		70302	507	353	3880	782	1090
MG/L		DEN					
HYDROCARBONS, PETROL.		99388	<222	257	<569	<575	<640
,TOT		UG/L					
		DIR					

AMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			BCSWS1 P78-W 7	BCSWS2 P78-W 8	BCSWS3 P78-W 9	BCSWS4 P78-W 10	BCSWS5 P78-W 11
DATE			12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
TIME			16:00	15:45	15:00	17:50	16:00
BENZENE		34030	<0.70	<0.70	<0.70	<0.70	<0.70
	UG/L	PI					
TOLUENE		34010	<1.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
CHLOROBENZENE		34301	<1.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
ETHYLBENZENE		34371	<1.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
BROMOBENZENE		99634	<5.00	<5.00	<5.00	<5.00	<5.00
	UG/L	PI					
XYLENES, TOTAL		81551	<2.00	<2.00	<2.00	<2.00	<2.00
	UG/L	PI					
DICHLOROBENZENE, TOT.		81524	<4.50	<4.50	<4.50	<4.50	<4.50
	UG/L	PI					
CHLOROMETHANE		34418	<0.400	<0.400	<0.400	<0.400	<0.400
	UG/L	HA					
BROMOMETHANE		34413	<6.00	<6.00	<6.00	<6.00	<6.00
	UG/L	HA					
VINYL CHLORIDE		39175	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
CHLOROETHANE		34311	<3.00	<3.00	<3.00	<3.00	<3.00
	UG/L	HA					
DICHLORODIFLUORO		34668	<9.00	<9.00	<9.00	<9.00	<9.00
	UG/L	HA					
ETHYLENE CHLORIDE		34423	<2.00	<2.00	<2.00	<2.00	<2.00
	UG/L	HA					
TRICHL' FLUOROMETHANE		34488	<5.00	<5.00	<5.00	<5.00	<5.00
	UG/L	HA					
1,1-DICHLOROETHYLENE		34501	<0.700	<0.700	<0.700	<0.700	<0.700
	UG/L	HA					
1,1-DICHLOROETHANE		34496	<0.400	<0.400	<0.400	<0.400	<0.400
	UG/L	HA					
TRANS-1,2-DICHLORO		34546	<0.500	<0.500	<0.500	<0.500	<0.500
ETHENE		HA					
CHLOROFORM		32106	<0.200	<0.200	<0.200	0.608	<0.200
	UG/L	HA					
1,2-DICHLOROETHANE		34531	<0.200	0.611	0.617	<0.200	<0.200
	UG/L	HA					
DIBROMOMETHANE		81522	<5.00	<5.00	<5.00	<5.00	<5.00
	UG/L	HA					
1,1,1-TRICHL' ETHANE		34506	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
CARBON TETRACHLORIDE		32102	<0.600	<0.600	<0.600	<0.600	<0.600
	UG/L	HA					
BROMODICHLOROMETHANE		32101	<0.500	<0.500	<0.500	<0.500	<0.500
	UG/L	HA					
1,2-DICHLOROPROPANE		34541	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
TRANS-1,3-DICHLORO		34699	<2.00	<2.00	<2.00	<2.00	<2.00
PROPENE		HA					
1,1,2-TRICHL' ETHANE		34511	<0.100	<0.100	<0.100	<0.100	<0.100
	UG/L	HA					

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

METERS UNITS	STORET METHOD	BCSWS1	BCSWS2	BCSWS3	BCSWS4	BCSWS5
		P78-W 7	P78-W 8	P78-W 9	P78-W 10	P78-W 11
DATE		12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
TIME		16:00	15:45	15:00	17:50	16:00
TRICHLOROETHENE	39180	<0.600	<0.600	<0.600	<0.600	<0.600
UG/L	HA					
DIBROMOCHLOROMETHANE	32105	<0.500	<0.500	<0.500	<0.500	<0.500
UG/L	HA					
CIS-1,3-DICHLORO	34704	<2.00	<2.00	<2.00	<2.00	<2.00
PROPENE	HA					
2-CHLOROETHYL VINYL	34576	<0.700	<0.700	<0.700	<0.700	<0.700
ETHER	HA					
BROMOFORM	32104	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1,1,1,2-TETRACHLOROETHANE	77562	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	HA					
TRICHLOROPROPANE	97758	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
TETRACHLOROETHENE	34475	<0.200	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
1,1,2,2-TETRACHLOROETHANE	34516	<0.200	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
CHLOROBENZENE	34301	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1-CHLOROHEXANE	97761	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
BROMOBENZENE	99634	<5	<5	<5	<5	<5
UG/L	HA					
CHLOROBENZENE, TOT.	81524	<4.50	<4.50	<4.50	<4.50	<4.50
UG/L	HA					
DISS. SOLIDS	70302	3660	3600	3630	3660	3450
MG/L	DEN					
HYDROCARBONS, PETROL.	99388	<539	<569	<517	<621	<522
,TOT	UG/L	DIR				

METERS	UNITS	STORET METHOD	SAMPLE ID/#				
			BCSWS6 P78-W 12	BCSWS7 P78-W 13	BCSWS8 P78-W 14	BCSWS9 P78-W 15	BCSWS10 P78-W 16
DATE			12/02/88	12/02/88	12/02/88	12/02/88	12/02/88
TIME			17:11	17:11	16:20	15:10	10:51
BENZENE		34030	<0.70	<0.70	<0.70	<0.70	<0.70
	UG/L	PI					
TOLUENE		34010	<1.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
CHLOROBENZENE		34301	<1.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
ETHYLBENZENE		34371	<1.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
BROMOBENZENE		99634	<5.00	<5.00	<5.00	<5.00	<5.00
	UG/L	PI					
XYLENES, TOTAL		81551	<2.00	<2.00	<2.00	3.62	<2.00
	UG/L	PI					
DICHLOROBENZENE, TOT.		81524	<4.50	<4.50	<4.50	<4.50	<4.50
	UG/L	PI					
CHLOROMETHANE		34418	3.74	0.472	0.410	<0.400	2.68
	UG/L	HA					
BROMOMETHANE		34413	<6.00	<6.00	<6.00	<6.00	<6.00
	UG/L	HA					
VINYL CHLORIDE		39175	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
CHLOROETHANE		34311	<3.00	<3.00	<3.00	<3.00	<3.00
	UG/L	HA					
DICHLORODIFLUORO		34668	<9.00	<9.00	<9.00	<9.00	<9.00
	UG/L	HA					
ETHYLENE CHLORIDE		34423	<2.00	<2.00	<2.00	<2.00	<2.00
	UG/L	HA					
TRICHL' FLUOROMETHANE		34488	<5.00	<5.00	<5.00	<5.00	<5.00
	UG/L	HA					
1,1-DICHLOROETHYLENE		34501	<0.400	<0.400	<0.400	<0.400	<0.400
	UG/L	HA					
1,1-DICHLOROETHANE		34496	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
TRANS-1,2-DICHLORO		34546	<0.500	<0.500	<0.500	<0.500	<0.500
ETHENE		HA					
CHLOROFORM		32106	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
1,2-DICHLOROETHANE		34531	27.7	8.26	5.76	2.82	14.0
	UG/L	HA					
DIBROMOMETHANE		81522	<5.00	<5.00	<5.00	<5.00	<5.00
	UG/L	HA					
1,1,1-TRICHL' ETHANE		34506	<0.200	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
CARBON TETRACHLORIDE		32102	<0.600	<0.600	<0.600	<0.600	<0.600
	UG/L	HA					
BROMODICHLOROMETHANE		32101	<0.500	<0.500	<0.500	<0.500	<0.500
	UG/L	HA					
1,2-DICHLOROPROPANE		34541	1.22	0.242	<0.200	<0.200	0.623
	UG/L	HA					
TRANS-1,3-DICHLORO		34699	<2.00	<2.00	<2.00	<2.00	<2.00
PROPENE		HA					
1,1,2-TRICHL' ETHANE		34511	0.615	<0.400	<0.400	<0.400	<0.400
	UG/L	HA					

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

PARAMETERS	STORET	BCSWS6	BCSWS7	BCSWS8	BCSWS9	BCSWS10
UNITS	METHOD	P78-W	P78-W	P78-W	P78-W	P78-W
		12	13	14	15	16
DATE		12/02/88	12/02/88	12/02/88	12/02/88	12/02/88
TIME		17:11	17:11	16:20	15:10	10:51
TRICHLOROETHENE	39180	<0.600	<0.600	<0.600	<0.600	<0.600
UG/L	HA					
DIBROMOCHLOROMETHANE	32105	<0.700	<0.700	<0.700	<0.700	<0.700
UG/L	HA					
CIS-1,3-DICHLORO	34704	<2.00	<2.00	<2.00	<2.00	<2.00
PROPENE	HA					
2-CHLOROETHYL VINYL	34576	0.733	<0.700	<0.700	<0.700	<0.700
ETHER	HA					
BROMOFORM	32104	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1,1,1,2-TETRACHLOROETHANE	77562	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	HA					
TRICHLOROPROPANE	97758	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
TETRACHLOROETHENE	34475	0.352	<0.200	<0.200	1.43	<0.200
UG/L	HA					
1,1,2,2-TETRACHLOROETHANE	34516	<0.200	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
CHLOROBENZENE	34301	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1-CHLOROHEXANE	97761	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
BROMOBENZENE	99634	<5	<5	<5	<5	<5
UG/L	HA					
CHLOROBENZENE, TOT.	81524	<4.50	<4.50	<4.50	<4.50	<4.50
UG/L	HA					
DISS. SOLIDS	70302	3810	3840	3810	3700	3850
MG/L	DEN					
HYDROCARBONS, PETROL.	99388	<233	<233	<241	<223	<235
,TOT	UG/L	DIR				

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

METERS UNITS	STORET METHOD	BCSWS11	BCSWS13	BCSWS14	BCSWS15	P-6
		P78-W 17	P78-W 19	P78-W 20	P78-W 21	P78-W 22
DATE		12/02/88	12/03/88	12/03/88	12/03/88	01/24/89
TIME		10:51	11:00	12:45	12:45	15:35
BENZENE	34030	<0.70	<0.70	<0.70	<0.70	14.6
UG/L	PI					
TOLUENE	34010	<1.00	<1.00	<1.00	<1.00	23.2
UG/L	PI					
CHLOROBENZENE	34301	<1.00	<1.00	<1.00	<1.00	25.2
UG/L	PI					
ETHYLBENZENE	34371	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	PI					
BROMOBENZENE	99634	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	PI					
XYLENES, TOTAL	81551	<2.00	<2.00	<2.00	<2.00	<2.00
UG/L	PI					
DICHLOROBENZENE, TOT.	81524	<4.50	<4.50	<4.50	<4.50	<4.50
UG/L	PI					
CHLOROMETHANE	34418	2.16	0.453	<0.400	<0.400	<0.500
UG/L	HA					
BROMOMETHANE	34413	<6.00	<6.00	<6.00	<6.00	<6.00
UG/L	HA					
VINYL CHLORIDE	39175	<0.200	0.229	<0.200	<0.200	0.511
UG/L	HA					
CHLOROETHANE	34311	<3.00	<3.00	<3.00	<3.00	<3.00
UG/L	HA					
DICHLORODIFLUORO	34668	<9.00	<9.00	<9.00	<9.00	<9.00
THANE UG/L	HA					
ETHYLENE CHLORIDE	34423	<2.00	<2.00	<2.00	<2.00	<2.00
UG/L	HA					
TRICHL' FLUOROMETHANE	34488	<5.00	<5.00	<5.00	<5.00	5.72
UG/L	HA					
1,1-DICHLOROETHYLENE	34501	<0.400	<0.400	<0.400	<0.400	690
UG/L	HA					
1,1-DICHLOROETHANE	34496	<0.200	<0.200	<0.200	<0.200	110
UG/L	HA					
TRANS-1,2-DICHLORO	34546	<0.500	<0.500	<0.500	<0.500	1.12
ETHENE UG/L	HA					
CHLOROFORM	32106	<0.200	<0.200	<0.200	<0.200	<40.0
UG/L	HA					
1,2-DICHLOROETHANE	34531	15.5	4.54	4.40	4.81	40.2
UG/L	HA					
DIBROMOMETHANE	81522	<5.00	<5.00	<5.00	<5.00	<6.00
UG/L	HA					
1,1,1-TRICHL' ETHANE	34506	<0.200	0.615	<0.200	<0.200	1030
UG/L	HA					
CARBON TETRACHLORIDE	32102	<0.600	<0.600	<0.600	<0.600	<0.600
UG/L	HA					
BROMODICHLOROMETHANE	32101	<0.500	<0.500	<0.500	<0.500	<0.500
UG/L	HA					
1,2-DICHLOROPROPANE	34541	0.669	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
TRANS-1,3-DICHLORO	34699	<2.00	<2.00	<2.00	<2.00	<2.00
PROPENE UG/L	HA					
1,1,2-TRICHL' ETHANE	34511	<0.400	<0.400	<0.400	<0.400	<0.200
UG/L	HA					

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

AMETERS	STORET	BCSWS11	BCSWS13	BCSWS14	BCSWS15	P-6
UNITS	METHOD	P78-W	P78-W	P78-W	P78-W	P78-W
		17	19	20	21	22
DATE		12/02/88	12/03/88	12/03/88	12/03/88	01/24/89
TIME		10:51	11:00	12:45	12:45	15:35
TRICHLOROETHENE	39180	<0.600	<0.600	<0.600	<0.600	1890
UG/L	HA					
DIBROMOCHLOROMETHANE	32105	<0.700	<0.700	<0.700	<0.700	<0.500
UG/L	HA					
CIS-1,3-DICHLORO	34704	<2.00	<2.00	<2.00	<2.00	<0.500
PROPENE	HA					
2-CHLOROETHYL VINYL	34576	<0.700	<0.700	<0.700	<0.700	<0.700
ETHER	HA					
BROMOFORM	32104	<1.00	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1,1,1,2-TETRACHLOROETHANE	77562	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	HA					
TRICHLOROPROPANE	97758	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
TETRACHLOROETHENE	34475	<0.200	0.473	<0.200	<0.200	1.48
UG/L	HA					
1,1,2,2-TETRACHLOROETHANE	34516	<0.200	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
CHLOROBENZENE	34301	<1.00	<1.00	<1.00	<1.00	25.2
UG/L	HA					
1-CHLOROHEXANE	97761	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
BROMOBENZENE	99634	<5	<5	<5	<5	<5
UG/L	HA					
CHLOROBENZENE, TOT.	81524	<4.50	<4.50	<4.50	<4.50	<4.50
UG/L	HA					
DISS. SOLIDS	70302	3780	362	3150	3260	950
MG/L	DEN					
HYDROCARBONS, PETROL.	99388	<215	<222	<214	<203	<628
, TOT	DIR					

PARAMETERS	UNITS	STORET METHOD	SAMPLE ID/#				
			P-7 P78-W 23	P-2 P78-W 24	P-1 P78-W 25	DUP P78-W 26	DUP P78-W 27
DATE			01/28/89	01/29/89	02/10/89	12/15/88	12/15/88
TIME			17:00	17:20	14:30		
BENZENE		34030	3.77	<0.70	<0.70	<0.70	<0.70
	UG/L	PI					
TOLUENE		34010	<4.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
CHLOROBENZENE		34301	4.74	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
ETHYLBENZENE		34371	<4.00	<1.00	<1.00	<1.00	<1.00
	UG/L	PI					
BROMOBENZENE		99634	<20.0	<5.00	<5.00	<5.00	<5.00
	UG/L	PI					
XYLENES, TOTAL		81551	<8.00	<2.00	<2.00	<2.00	<2.00
	UG/L	PI					
DICHLOROBENZENE, TOT.		81524	<18.0	<4.50	<4.50	<4.50	<4.50
	UG/L	PI					
CHLOROMETHANE		34418	<2.00	<0.500	2.41	<0.400	<0.400
	UG/L	HA					
BROMOMETHANE		34413	<24.0	<6.00	<6.00	<6.00	<6.00
	UG/L	HA					
VINYL CHLORIDE		39175	<0.800	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
CHLOROETHANE		34311	<12.0	<3.00	<3.00	<3.00	<3.00
	UG/L	HA					
DICHLORODIFLUORO		34668	<36.0	<9.00	<9.00	<9.00	<9.00
METHANE	UG/L	HA					
ETHYLENE CHLORIDE		34423	<8.00	<2.00	<2.00	<2.00	<2.00
	UG/L	HA					
TRICHL' FLUOROMETHANE		34488	<20.0	<5.00	<5.00	<5.00	<5.00
	UG/L	HA					
1,1-DICHLOROETHYLENE		34501	931	<0.700	<0.700	<0.700	<0.700
	UG/L	HA					
1,1-DICHLOROETHANE		34496	14.4	<0.400	<0.400	<0.400	<0.400
	UG/L	HA					
TRANS-1,2-DICHLORO		34546	<2.00	<0.500	<0.500	<0.500	<0.500
ETHENE	UG/L	HA					
CHLOROFORM		32106	2580	1.00	0.248	0.473	<0.200
	UG/L	HA					
1,2-DICHLOROETHANE		34531	76.2	0.705	0.424	<0.200	<0.200
	UG/L	HA					
DIBROMOMETHANE		81522	<24.0	<6.00	<5.00	<5.00	<5.00
	UG/L	HA					
1,1,1-TRICHL' ETHANE		34506	3320	0.266	2.71	4.22	<0.200
	UG/L	HA					
CARBON TETRACHLORIDE		32102	<2.40	<0.600	<0.600	<0.600	<0.600
	UG/L	HA					
BROMODICHLOROMETHANE		32101	<2.00	<0.500	<0.500	<0.500	<0.500
	UG/L	HA					
1,2-DICHLOROPROPANE		34541	<0.800	<0.200	<0.200	<0.200	<0.200
	UG/L	HA					
TRANS-1,3-DICHLORO		34699	<8.00	<2.00	<2.00	<2.00	<2.00
PROPENE	UG/L	HA					
1,1,2-TRICHL' ETHANE		34511	<0.800	<0.200	<0.100	<0.100	<0.100
	UG/L	HA					

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

AMETERS UNITS	STORET METHOD	P-7 P78-W 23	P-2 P78-W 24	P-1 P78-W 25	DUP P78-W 26	DUP P78-W 27
DATE		01/28/89	01/29/89	02/10/89	12/15/88	12/15/88
TIME		17:00	17:20	14:30		
TRICHLOROETHENE	39180	1580	<0.600	5.53	<0.600	<0.600
UG/L	HA					
DIBROMOCHLOROMETHANE	32105	<2.00	<0.500	<0.500	<0.500	<0.500
UG/L	HA					
CIS-1,3-DICHLORO	34704	<2.00	<0.500	<2.00	<2.00	<2.00
PROPENE	UG/L	HA				
2-CHLOROETHYL VINYL	34576	<2.80	<0.700	<0.700	<0.700	<0.700
ETHER	UG/L	HA				
BROMOFORM	32104	<4.00	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1,1,1,2-TETRACH' ETHA	77562	<20.0	<5.00	<5.00	<5.00	<5.00
NE	UG/L	HA				
TRICHLOROPROPANE	97758	<20	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
TETRACHLOROETHENE	34475	<0.800	<0.200	<0.200	<0.200	<0.200
UG/L	HA					
1,1,2,2-TETRACHLORO	34516	<0.800	<0.200	<0.200	<0.200	<0.200
ETHANE	UG/L	HA				
CHLOROBENZENE	34301	4.74	<1.00	<1.00	<1.00	<1.00
UG/L	HA					
1-CHLOROHEXANE	97761	<20	<5.0	<5.0	<5.0	<5.0
UG/L	HA					
BROMOBENZENE	99634	<20	<5	<5	<5	<5
UG/L	HA					
DICHLOROBENZENE, TOT.	81524	<18.0	<4.50	<4.50	<4.50	<4.50
UG/L	HA					
DISS. SOLIDS	70302	7770	1040	890	746	3350
MG/L	DEN					
HYDROCARBONS, PETROL.	99388	<610	<515	<0.525	<569	<517
, TOT	UG/L	DIR				

AMETERS	STORET	DUP
UNITS	METHOD	P78-W
		28
DATE		01/31/89
TIME		10:30
BENZENE	34030	<0.70
UG/L	PI	
TOLUENE	34010	<1.00
UG/L	PI	
CHLOROBENZENE	34301	<1.00
UG/L	PI	
ETHYLBENZENE	34371	<1.00
UG/L	PI	
BROMOBENZENE	99634	<5.00
UG/L	PI	
XYLENES, TOTAL	81551	<2.00
UG/L	PI	
DICHLOROBENZENE, TOT.	81524	<4.50
UG/L	PI	
CHLOROMETHANE	34418	<0.500
UG/L	HA	
BROMOMETHANE	34413	<6.00
UG/L	HA	
VINYL CHLORIDE	39175	<0.200
UG/L	HA	
CHLOROETHANE	34311	<3.00
UG/L	HA	
DICHLORODIFLUORO	34668	<9.00
ETHANE UG/L	HA	
ETHYLENE CHLORIDE	34423	<2.00
UG/L	HA	
TRICHL' FLUOROMETHANE	34488	<5.00
UG/L	HA	
1,1-DICHLOROETHYLENE	34501	<70.0
UG/L	HA	
1,1-DICHLOROETHANE	34496	2.45
UG/L	HA	
TRANS-1,2-DICHLORO	34546	<0.500
ETHENE UG/L	HA	
CHLOROFORM	32106	0.723
UG/L	HA	
1,2-DICHLOROETHANE	34531	1.03
UG/L	HA	
DIBROMOMETHANE	81522	<6.00
UG/L	HA	
1,1,1-TRICHL' ETHANE	34506	464
UG/L	HA	
CARBON TETRACHLORIDE	32102	<0.600
UG/L	HA	
BROMODICHLOROMETHANE	32101	<0.500
UG/L	HA	
1,2-DICHLOROPROPANE	34541	<0.200
UG/L	HA	
TRANS-1,3-DICHLORO	34699	<2.00
PROPENE UG/L	HA	
1,1,2-TRICHL' ETHANE	34511	<0.200
UG/L	HA	

AMETERS	STORET	DUP
UNITS	METHOD	P78-W
		28
DATE		01/31/89
TIME		10:30
TRICHLOROETHENE	39180	1020
UG/L	HA	
DIBROMOCHLOROMETHANE	32105	<0.500
UG/L	HA	
CIS-1,3-DICHLORO	34704	<0.500
PROPENE UG/L	HA	
2-CHLOROETHYL VINYL	34576	<0.700
ETHER UG/L	HA	
BROMOFORM	32104	<1.00
UG/L	HA	
1,1,1,2-TETRACHLOROETHANE	77562	<5.00
UG/L	HA	
TRICHLOROPROPANE	97758	<5.0
UG/L	HA	
TETRACHLOROETHENE	34475	0.358
UG/L	HA	
1,1,2,2-TETRACHLOROETHANE	34516	<0.200
UG/L	HA	
CHLOROBENZENE	34301	<1.00
UG/L	HA	
1-CHLOROHEXANE	97761	<5.0
UG/L	HA	
BROMOBENZENE	99634	<5
UG/L	HA	
CHLOROBENZENE, TOT.	81524	<4.50
UG/L	HA	
DISS. SOLIDS	70302	4450
MG/L	DEN	
HYDROCARBONS, PETROL.	99388	<542
,TOT UG/L	DIR	

WATER CONFIRMATION ANALYSIS
8010/8020, TOTAL HYDROCARBONS

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-WC

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

AMETERS	STORET	NDDSW1	NDDSW2	E512SW1	BCSWS2	BCSWS3
UNITS	METHOD	P78-WC	P78-WC	P78-WC	P78-WC	P78-WC
		1	2	5	8	9
DATE		12/01/88	12/01/88	12/15/88	12/14/88	12/14/88
TIME		15:40	16:21	10:00	15:45	15:00
BENZENE	34030	<0.70	<0.70			
UG/L	PI					
TOLUENE	34010		<1.00			
UG/L	PI					
CHLOROBENZENE	34301					
UG/L	PI					
ETHYLBENZENE	34371					
UG/L	PI					
BROMOBENZENE	99634	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	PI					
XYLENES, TOTAL	81551					
UG/L	PI					
DICHLOROBENZENE, TOT.	81524					
UG/L	PI					
CHLOROMETHANE	34418		0.447			
UG/L	HA					
BROMOMETHANE	34413					
UG/L	HA					
VINYL CHLORIDE	39175					
UG/L	HA					
CHLOROETHANE	34311					
UG/L	HA					
DICHLORODIFLUORO	34668					
HANE UG/L	HA					
HYLENE CHLORIDE	34423	<2.00				
UG/L	HA					
TRICHL' FLUOROMETHANE	34488					
UG/L	HA					
1,1-DICHLOROETHYLENE	34501					
UG/L	HA					
1,1-DICHLOROETHANE	34496		0.892			
UG/L	HA					
TRANS-1,2-DICHLORO	34546					
ETHENE UG/L	HA					
CHLOROFORM	32106		<0.200			
UG/L	HA					
1,2-DICHLOROETHANE	34531	0.800	4.12			
UG/L	HA					
DIBROMOMETHANE	81522					
UG/L	HA					
1,1,1-TRICHL' ETHANE	34506		13.8	14.9		
UG/L	HA					
CARBON TETRACHLORIDE	32102					
UG/L	HA					
BROMODICHLOROMETHANE	32101					
UG/L	HA					
1,2-DICHLOROPROPANE	34541					
UG/L	HA					
TRANS-1,3-DICHLORO	34699					
PROPENE UG/L	HA					
1,1,2-TRICHL' ETHANE	34511					
UG/L	HA					

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-WC

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

		SAMPLE ID/#				
AMETERS	STORET	NDDSW1	NDDSW2	E512SW1	BCSWS2	BCSWS3
UNITS	METHOD	P78-WC	P78-WC	P78-WC	P78-WC	P78-WC
		1	2	5	8	9
DATE		12/01/88	12/01/88	12/15/88	12/14/88	12/14/88
TIME		15:40	16:21	10:00	15:45	15:00
TRICHLOROETHENE	39180		<0.600			
UG/L	HA					
DIBROMOCHLOROMETHANE	32105					
UG/L	HA					
CIS-1,3-DICHLORO	34704					
PROPENE UG/L	HA					
2-CHLOROETHYL VINYL	34576					
ETHER UG/L	HA					
BROMOFORM	32104					
UG/L	HA					
1,1,1,2-TETRACH' ETHA	77562					
NE UG/L	HA					
TRICHLOROPROPANE	97758					
UG/L	HA					
TETRACHLOROETHENE	34475					
UG/L	HA					
1,1,2,2-TETRACHLORO	34516					
ETHANE UG/L	HA					
CHLOROBENZENE	34301					
UG/L	HA					
1-CHLOROHEXANE	97761					
UG/L	HA					
BROMOBENZENE	99634	<5	<5	<5	<5	<5
UG/L	HA					
1,2-DICHLOROBENZENE, TOT.	81524					
UG/L	HA					

PROJECT NUMBER 99003-0100-1710
FIELD GROUP P78-WC
ALL

PROJECT NAME PLANT 78 WATERS
PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

PARAMETERS	UNITS	STORET METHOD	BCSWS4	BCSWS6	BCSWS7	BCSWS8	BCSWS9
			P78-WC 10	P78-WC 12	P78-WC 13	P78-WC 14	P78-WC 15
DATE			12/14/88	12/02/88	12/02/88	12/02/88	12/02/88
TIME			17:50	17:11	17:11	16:20	15:10
BENZENE		34030	<0.70				<0.70
UG/L		PI					
TOLUENE		34010				<1.00	<1.00
UG/L		PI					
CHLOROBENZENE		34301					
UG/L		PI					
ETHYLBENZENE		34371					<1.00
UG/L		PI					
BROMOBENZENE		99634	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L		PI					
XYLENES, TOTAL		81551					2.95
UG/L		PI					
DICHLOROBENZENE, TOT.		81524					
UG/L		PI					
CHLOROMETHANE		34418		2.70			
UG/L		HA					
BROMOMETHANE		34413					
UG/L		HA					
VINYL CHLORIDE		39175					
UG/L		HA					
CHLOROETHANE		34311					
UG/L		HA					
DICHLORODIFLUORO		34668		<9.00			
THANE UG/L		HA					
ETHYLENE CHLORIDE		34423					
UG/L		HA					
TRICHL' FLUOROMETHANE		34488					
UG/L		HA					
1,1-DICHLOROETHYLENE		34501					
UG/L		HA					
1,1-DICHLOROETHANE		34496					
UG/L		HA					
TRANS-1,2-DICHLORO		34546					
ETHENE UG/L		HA					
CHLOROFORM		32106	0.610				
UG/L		HA					
1,2-DICHLOROETHANE		34531		>9.09	4.02	5.92	3.11
UG/L		HA					
DIBROMOMETHANE		81522					
UG/L		HA					
1,1,1-TRICHL' ETHANE		34506					
UG/L		HA					
CARBON TETRACHLORIDE		32102					
UG/L		HA					
BROMODICHLOROMETHANE		32101					
UG/L		HA					
1,2-DICHLOROPROPANE		34541		0.730			
UG/L		HA					
TRANS-1,3-DICHLORO		34699					
PROPENE UG/L		HA					
1,1,2-TRICHL' ETHANE		34511		<0.400			
UG/L		HA					

Hunter/ESE, Inc.

PROJECT NUMBER 99003-0100-1710

FIELD GROUP P78-WC

ALL

DATE 03/27/89 STATUS :

PROJECT NAME PLANT 78 WATERS

PROJECT MANAGER CHRIS DREIER

LAB COORDINATOR ANGELA BURCH

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METERS		STORET	SAMPLE ID/#				
UNITS	METHOD		BCSWS4 P78-WC 10	BCSWS6 P78-WC 12	BCSWS7 P78-WC 13	BCSWS8 P78-WC 14	BCSWS9 P78-WC 15
DATE			12/14/88	12/02/88	12/02/88	12/02/88	12/02/88
TIME			17:50	17:11	17:11	16:20	15:10
TRICHLOROETHENE	39180						
UG/L	HA						
DIBROMOCHLOROMETHANE	32105						
UG/L	HA						
CIS-1,3-DICHLORO	34704						
PROPENE	UG/L	HA					
2-CHLOROETHYL VINYL	34576						
ETHER	UG/L	HA					
BROMOFORM	32104						
UG/L	HA						
1,1,1,2-TETRACHLOROETHANE	77562						
UG/L	HA						
TRICHLOROPROPANE	97758						
UG/L	HA						
TETRACHLOROETHENE	34475			0.898			0.680
UG/L	HA						
1,1,2,2-TETRACHLOROETHANE	34516						
UG/L	HA						
CHLOROBENZENE	34301						
UG/L	HA						
1-CHLOROHEXANE	97761						
UG/L	HA						
BROMOBENZENE	99634		<5	<5	<5	<5	<5
UG/L	HA						
CHLOROBENZENE, TOT.	81524						
UG/L	HA						

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-WC

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

METERS UNITS	STORET METHOD	BCSWS10	BCSWS11	BCSWS13	BCSWS14	BCSWS15
		P78-WC 16	P78-WC 17	P78-WC 19	P78-WC 20	P78-WC 21
DATE		12/02/88	12/02/88	12/02/88	12/03/88	12/03/88
TIME		10:51	10:51	10:51	12:45	12:45
BENZENE	34030					
UG/L	PI					
TOLUENE	34010	<1.00		<1.00		
UG/L	PI					
CHLOROBENZENE	34301					
UG/L	PI					
ETHYLBENZENE	34371					
UG/L	PI					
BROMOBENZENE	99634	<5.00	<5.00	<5.00	<5.00	<5.00
UG/L	PI					
XYLENES, TOTAL	81551					
UG/L	PI					
DICHLOROBENZENE, TOT.	81524					
UG/L	PI					
CHLOROMETHANE	34418	<0.400	1.53	<0.400		
UG/L	HA					
BROMOMETHANE	34413					
UG/L	HA					
VINYL CHLORIDE	39175					
UG/L	HA					
CHLOROETHANE	34311					
UG/L	HA					
DICHLORODIFLUORO	34668					
ETHANE UG/L	HA					
ETHYLENE CHLORIDE	34423					
UG/L	HA					
TRICHL' FLUOROMETHANE	34488					
UG/L	HA					
1,1-DICHLOROETHYLENE	34501					
UG/L	HA					
1,1-DICHLOROETHANE	34496					
UG/L	HA					
TRANS-1,2-DICHLORO	34546					
ETHENE UG/L	HA					
CHLOROFORM	32106					
UG/L	HA					
1,2-DICHLOROETHANE	34531	6.73	15.5	7.36	2.17	1.54
UG/L	HA					
DIBROMOMETHANE	81522					
UG/L	HA					
1,1,1-TRICHL' ETHANE	34506			0.511		
UG/L	HA					
CARBON TETRACHLORIDE	32102					
UG/L	HA					
BROMODICHLOROMETHANE	32101					
UG/L	HA					
1,2-DICHLOROPROPANE	34541	<0.200	0.362			
UG/L	HA					
TRANS-1,3-DICHLORO	34699					
PROPENE UG/L	HA					
1,1,2-TRICHL' ETHANE	34511					
UG/L	HA					

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-WC

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

AMETERS	STORET	BCSWS10	BCSWS11	BCSWS13	BCSWS14	BCSWS15
UNITS	METHOD	P78-WC	P78-WC	P78-WC	P78-WC	P78-WC
		16	17	19	20	21
DATE		12/02/88	12/02/88	12/02/88	12/03/88	12/03/88
TIME		10:51	10:51	10:51	12:45	12:45
TRICHLOROETHENE	39180					
UG/L	HA					
DIBROMOCHLOROMETHANE	32105					
UG/L	HA					
CIS-1,3-DICHLORO	34704					
PROPENE	UG/L	HA				
2-CHLOROETHYL VINYL	34576					
ETHER	UG/L	HA				
BROMOFORM	32104					
UG/L	HA					
1,1,1,2-TETRACHLOROETHANE	77562					
UG/L	HA					
TRICHLOROPROPANE	97758					
UG/L	HA					
TETRACHLOROETHENE	34475			0.287		
UG/L	HA					
1,1,2,2-TETRACHLOROETHANE	34516					
UG/L	HA					
CHLOROBENZENE	34301					
UG/L	HA					
1-CHLOROHEXANE	97761					
UG/L	HA					
BROMOBENZENE	99634	<5	<5	<5	<5	<5
UG/L	HA					
CHLOROBENZENE, TOT.	81524					
UG/L	HA					

AMETERS	STORET	DUP
UNITS	METHOD	P78-WC
		26

DATE 12/15/88
TIME

BENZENE	34030	
UG/L	PI	
TOLUENE	34010	
UG/L	PI	
CHLOROBENZENE	34301	
UG/L	PI	
ETHYLBENZENE	34371	
UG/L	PI	
BROMOBENZENE	99634	<5.00
UG/L	PI	
XYLENES, TOTAL	81551	
UG/L	PI	
DICHLOROBENZENE, TOT.	81524	
UG/L	PI	
CHLOROMETHANE	34418	
UG/L	HA	
BROMOMETHANE	34413	
UG/L	HA	
VINYL CHLORIDE	39175	
UG/L	HA	
CHLOROETHANE	34311	
UG/L	HA	
DICHLORODIFLUORO	34668	
THANE UG/L	HA	
ETHYLENE CHLORIDE	34423	
UG/L	HA	
TRICHL' FLUOROMETHANE	34488	
UG/L	HA	
1,1-DICHLOROETHYLENE	34501	
UG/L	HA	
1,1-DICHLOROETHANE	34496	
UG/L	HA	
TRANS-1,2-DICHLORO	34546	
ETHENE UG/L	HA	
CHLOROFORM	32106	0.609
UG/L	HA	
1,2-DICHLOROETHANE	34531	
UG/L	HA	
DIBROMOMETHANE	81522	
UG/L	HA	
1,1,1-TRICHL' ETHANE	34506	15.5
UG/L	HA	
CARBON TETRACHLORIDE	32102	
UG/L	HA	
BROMODICHLOROMETHANE	32101	
UG/L	HA	
1,2-DICHLOROPROPANE	34541	
UG/L	HA	
TRANS-1,3-DICHLORO	34699	
PROPENE UG/L	HA	
1,1,2-TRICHL' ETHANE	34511	
UG/L	HA	

Hunter/ESE, Inc.

PROJECT NUMBER 99003-0100-1710

FIELD GROUP P78-WC

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DATE 03/27/89 STATUS :

PROJECT NAME PLANT 78 WATERS

PROJECT MANAGER CHRIS DREIER

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

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AMETERS

UNITS

STORET

METHOD

DUP

P78-WC

26

DATE

TIME

12/15/88

TRICHLOROETHENE 39180

UG/L HA

DIBROMOCHLOROMETHANE 32105

UG/L HA

CIS-1,3-DICHLORO 34704

PROPENE UG/L HA

2-CHLOROETHYL VINYL 34576

ETHER UG/L HA

BROMOFORM 32104

UG/L HA

1,1,1,2-TETRACHLOROETHANE 77562

NE UG/L HA

TRICHLOROPROPANE 97758

UG/L HA

TETRACHLOROETHENE 34475

UG/L HA

1,1,2,2-TETRACHLORO 34516

ETHANE UG/L HA

CHLOROBENZENE 34301

UG/L HA

1-CHLOROHEXANE 97761

UG/L HA

BROMOBENZENE 99634

UG/L HA

CHLOROBENZENE, TOT. 81524

UG/L HA

<5

WATER ANALYSIS
BASE/NEUTRAL ACIDS

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

PARAMETERS	STORET	P-6	P-7	P-2
UNITS	METHOD	P78-W	P78-W	P78-W
		22	23	24
DATE		01/24/89	01/28/89	01/29/89
TIME		15:35	17:00	17:20
ACENAPHTHENE	34205	<0.36	<0.36	<0.36
UG/L	ADMS			
ACENAPHTHYLENE	34200	<0.32	<0.32	<0.32
UG/L	ADMS			
ACETOPHENONE	81553	<6.9	<6.9	<6.9
UG/L	ADMS			
ANILINE	77089	<10	<10	<10
UG/L	ADMS			
ANTHRACENE	34220	<0.62	<0.62	<0.62
UG/L	ADMS			
4-AMINOBIIPHENOL	97693	<65	<65	<65
UG/L	ADMS			
BENZIDINE	39120	<140	<140	<140
UG/L	ADMS			
BENZO(A)ANTHRACENE	34526	<0.30	<0.30	<0.30
UG/L	ADMS			
BENZO(B)FLUORANTHENE	34230	<0.80	<0.80	<0.80
UG/L	ADMS			
BENZO(K)FLUORANTHENE	34242	<1.7	<1.7	<1.7
UG/L	ADMS			
BENZO(A)PYRENE	34247	<0.28	<0.28	<0.28
UG/L	ADMS			
BENZO(GHI)PERYLENE	34521	<1.2	<1.2	<1.2
UG/L	ADMS			
BENZYL ALCOHOL	77147	<0.700	<0.700	<0.700
UG/L	ADMS			
BENZOIC ACID	77247	<3.18	<3.18	<3.18
UG/L	ADMS			
BUTYLBENZYLPHTHALATE	34292	<2.1	<2.1	<2.1
UG/L	ADMS			
BIS(2-CHLOROETHYL)	34273	<0.28	<0.28	<0.28
ETHER UG/L	ADMS			
BIS(2-CHLOROETHOXY)	34278	<0.48	<0.48	<0.48
METHANE UG/L	ADMS			
BIS(2-ETHYLHEXYL)	39100	<3.1	<3.1	<3.1
PHTHALATE UG/L	ADMS			
BIS(2-CHL'ISOPROPYL)	34283	<1.1	<1.1	<1.1
ETHER UG/L	ADMS			
4-BROMOPHENYLPHENYL	34636	<0.58	<0.58	<0.58
ETHER UG/L	ADMS			
4-CHLOROANILINE	99075	<0.680	<0.680	<0.680
UG/L	ADMS			
1-CHLORONAPHTHALENE	97694	<11.0	<11.0	<11.0
UG/L	ADMS			
2-CHLORONAPHTHALENE	34581	<0.46	<0.46	<0.46
UG/L	ADMS			
2-CHLOROPHENOL	34586	<0.28	<0.28	<0.28
UG/L	ADMS			
4-CHLORO-3-METHYL	34452	<0.96	<0.96	<0.96
PHENOL UG/L	ADMS			
4-CHLOROPHENYLPHENYL	34641	<0.80	<0.80	<0.80
ETHER UG/L	ADMS			

SAMPLE ID/#

PARAMETERS	UNITS	STORET METHOD	P-6 P78-W	P-7 P78-W	P-2 P78-W
			22	23	24
DATE			01/24/89	01/28/89	01/29/89
TIME			15:35	17:00	17:20
CHRYSENE		34320	<3.1	<3.1	<3.1
UG/L		ADMS			
DIBENZ(A,J)ACRIDINE		97695	<65.5	<65.5	<65.5
UG/L		ADMS			
DIBEN'(A,H)ANTH'CENE		34556	<1.6	<1.6	<1.6
UG/L		ADMS			
DIBENZOFURAN		81302	<0.340	<0.340	<0.340
UG/L		ADMS			
DI-N-BUTYLPHthalate		39110	<1.7	<1.7	<1.7
UG/L		ADMS			
1,3,DICHLOROBENZENE		34566	<0.10	<0.10	<0.10
UG/L		ADMS			
1,2-DICHLOROBENZENE		34536	<0.40	<0.40	<0.40
UG/L		ADMS			
1,4-DICHLOROBENZENE		34571	<0.24	<0.24	<0.24
UG/L		ADMS			
3,3'-DICHL'BENZIDINE		34631	<3.9	<3.9	<3.9
UG/L		ADMS			
2,4-DICHLOROPHENOL		34601	<0.36	<0.36	<0.36
UG/L		ADMS			
2,6-DICHLOROPHENOL		77541	<18.3	<18.3	<18.3
UG/L		ADMS			
DIETHYLPHthalate		34336	<1.7	<1.7	<1.7
UG/L		ADMS			
1-METHYLAMINOAZOBENZENE		97696	<7.18	<7.18	<7.18
UG/L		ADMS			
7,12-DIMETHYLBENZ(A)		97697	<10.9	<10.9	<10.9
ANTHRACENUG/L		ADMS			
A-,A-DIMETHYLPHENETH		97698	<14.2	<14.2	<14.2
YLAMINE UG/L		ADMS			
2,4-DIMETHYLPHENOL		34606	<0.28	<0.28	<0.28
UG/L		ADMS			
4,6-DINITRO-2-METHYL		97711	<3.02	<3.02	<3.02
PHENOL UG/L		ADMS			
DIMETHYLPHthalate		34341	<0.84	<0.84	<0.84
UG/L		ADMS			
2,4-DINITROPHENOL		34616	<3.4	<3.4	<3.4
UG/L		ADMS			
2,4-DINITROTOLUENE		34611	<2.4	<2.4	<2.4
UG/L		ADMS			
2,6-DINITROTOLUENE		34626	<1.9	<1.9	<1.9
UG/L		ADMS			
DIPHENYLAMINE		77579	<8.30	<8.30	<8.30
UG/L		ADMS			
1,2-DIPHEN'HYDRAZINE		34346	<15	<15	<15
UG/L		ADMS			
DI-N-OCTYLPHthalate		34596	<4.9	<4.9	<4.9
UG/L		ADMS			
ETHYL METHANESULFONATE		97699	<16	<16	<16
UG/L		ADMS			
FLUORANTHENE		34376	<1.4	<1.4	<1.4
UG/L		ADMS			

SAMPLE ID/#

PARAMETERS	UNITS	STORET METHOD	P-6 P78-W	P-7 P78-W	P-2 P78-W
			22	23	24
DATE			01/24/89	01/28/89	01/29/89
TIME			15:35	17:00	17:20
FLUORENE		34381	<0.88	<0.88	<0.88
	UG/L	ADMS			
HEXACHLOROBENZENE		39700	<0.68	<0.68	<0.68
	UG/L	ADMS			
HEXACHLOROBUTADIENE		34391	<0.54	<0.54	<0.54
	UG/L	ADMS			
HEXACHLOROCYCLOPENTA DIENE	UG/L	34386	<1.7	<1.7	<1.7
	ADMS				
HEXACHLOROETHANE		34396	<0.28	<0.28	<0.28
	UG/L	ADMS			
INDENO(1,2,3-CD)		34403	<1.6	<1.6	<1.6
	UG/L	ADMS			
PYRENE		34408	<0.36	<0.36	<0.36
	UG/L	ADMS			
2-METHYL PHENOL		99073	<0.840	<0.840	<0.840
	UG/L	ADMS			
4-METHYL PHENOL		99074	<0.800	<0.800	<0.800
	UG/L	ADMS			
3-METHYLCHOLANTHRENE		97700	<11	<11	<11
	UG/L	ADMS			
METHYL METHANESULFON ATE	UG/L	97701	<14	<14	<14
	ADMS				
2-METHYLNAPHTHALENE		77416	<0.9	<0.9	<0.9
	UG/L	ADMS			
NAPHTHALENE		34696	<0.26	<0.26	<0.26
	UG/L	ADMS			
1-NAPHTHYLAMINE		97702	<9.6	<9.6	<9.6
	UG/L	ADMS			
2-NAPHTHYLAMINE		97703	<7.5	<7.5	<7.5
	UG/L	ADMS			
2-NITROANILINE		99077	<2.28	<2.28	<2.28
	UG/L	ADMS			
3-NITROANILINE		99078	<3.06	<3.06	<3.06
	UG/L	ADMS			
4-NITROANILINE		99079	<3.84	<3.84	<3.84
	UG/L	ADMS			
NITROBENZENE		34447	<1.1	<1.1	<1.1
	UG/L	ADMS			
N-NITROSOPIPERIDINE		97704	<31	<31	<31
	UG/L	ADMS			
2-NITROPHENOL		34591	<1.8	<1.8	<1.8
	UG/L	ADMS			
4-NITROPHENOL		34646	<3.8	<3.8	<3.8
	UG/L	ADMS			
N-NITROSO-DI-N-BUTYL AMINE	UG/L	97715	<17	<17	<17
	ADMS				
N-NITROSODIMET'AMINE		34438	<14	<14	<14
	UG/L	ADMS			
N-NITROSODI-N-PROPYL AMINE	UG/L	34428	<1.4	<1.4	<1.4
	ADMS				
N-NITROSODIPHE'AMINE		34433	<0.54	<0.54	<0.54
	UG/L	ADMS			

PROJECT NUMBER 99003-0100-1710

PROJECT NAME PLANT 78 WATERS

FIELD GROUP P78-W

PROJECT MANAGER CHRIS DREIER

ALL

LAB COORDINATOR ANGELA BURCH

SAMPLE ID/#

PARAMETERS	STORET	P-6	P-7	P-2
UNITS	METHOD	P78-W	P78-W	P78-W
		22	23	24
DATE		01/24/89	01/28/89	01/29/89
TIME		15:35	17:00	17:20
PENTACHLOROPHENOL	39032	<1.8	<1.8	<1.8
UG/L	ADMS			
PENTACHLOROBENZENE	97705	<11	<11	<11
UG/L	ADMS			
PENTACHLORONITROBENZ	97706	<40	<40	<40
ENE	ADMS			
UG/L				
PHENACETIN	97707	<44	<44	<44
UG/L	ADMS			
PHENANTHRENE	34461	<0.46	<0.46	<0.46
UG/L	ADMS			
PHENOL	34694	<1.0	<1.0	<1.0
UG/L	ADMS			
2-PICOLINE	97708	<32	<32	<32
UG/L	ADMS			
PRONAMIDE	97709	<21	<21	<21
UG/L	ADMS			
PYRENE	34469	<1.7	<1.7	<1.7
UG/L	ADMS			
1,2,4,5-TETRACHLOROB	97710	<17	<17	<17
ENZENE	ADMS			
UG/L				
1,2,4-TRICH' BENZENE	34551	<0.52	<0.52	<0.52
UG/L	ADMS			
2,3,4,6 TETRACL' PHEN	97209	<18	<18	<18
OL	ADMS			
UG/L				
2,4,5-TRICHL' PHENOL	77687	<0.9	<0.9	<0.9
UG/L	ADMS			
2,4,6-TRICHL' PHENOL	34621	<0.34	<0.34	<0.34
UG/L	ADMS			

TRIP BLANKS
8010/8020

Hunter/ESE, Inc.
PROJECT NUMBER 99003
FIELD GROUP P78-TB
ALL

DATE 03/27/89 STATUS :
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PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH

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METERS UNITS	STORET METHOD	SAMPLE ID/#				
		TBLK P78-TB 1	TBLK P78-TB 2	TBLK P78-TB 3	TBLK P78-TB 4	TBLK P78-TB 5
DATE TIME		12/16/88	12/16/88	12/16/88	12/16/88	01/24/89 12:30
BENZENE	34030	<0.70	<0.70	<0.70	<0.70	
UG/L	PI					
TOLUENE	34010	<1.00	<1.00	<1.00	<1.00	
UG/L	PI					
CHLOROBENZENE	34301	<1.00	<1.00	<1.00	<1.00	
UG/L	PI					
ETHYLBENZENE	34371	<1.00	<1.00	<1.00	<1.00	
UG/L	PI					
BROMOBENZENE	99634	<5.00	<5.00	<5.00	<5.00	
UG/L	PI					
XYLENES, TOTAL	81551	<2.00	<2.00	<2.00	<2.00	
UG/L	PI					
DICHLOROBENZENE, TOT.	81524	<4.50	<4.50	<4.50	<4.50	
UG/L	PI					
CHLOROMETHANE	34418	<0.400	<0.400	<0.400	<0.400	
UG/L	HA					
BROMOMETHANE	34413	<6.00	<6.00	<6.00	<6.00	
UG/L	HA					
VINYL CHLORIDE	39175	<0.200	<0.200	<0.200	<0.200	
UG/L	HA					
CHLOROETHANE	34311	<3.00	<3.00	<3.00	<3.00	
UG/L	HA					
DICHLORODIFLUORO	34668	<9.00	<9.00	<9.00	<9.00	
HANE UG/L	HA					
ETHYLENE CHLORIDE	34423	<2.00	<2.00	<2.00	<2.00	<2.00
UG/L	HA					
TRICHL 'FLUOROMETHANE	34488	<5.00	<5.00	<5.00	<5.00	
UG/L	HA					
1,1-DICHLOROETHYLENE	34501	<0.700	<0.700	<0.700	<0.700	
UG/L	HA					
1,1-DICHLOROETHANE	34496	<0.400	<0.400	<0.400	<0.400	
UG/L	HA					
TRANS-1,2-DICHLORO	34546	<0.500	<0.500	<0.500	<0.500	
ETHENE UG/L	HA					
CHLOROFORM	32106	<0.200	1.88	1.68	1.62	1.91
UG/L	HA					
1,2-DICHLOROETHANE	34531	<0.200	<0.200	<0.200	<0.200	
UG/L	HA					
DIBROMOMETHANE	81522	<5.00	<5.00	<5.00	<5.00	
UG/L	HA					
1,1,1-TRICHL 'ETHANE	34506	<0.200	0.266	<0.200	<0.200	
UG/L	HA					
CARBON TETRACHLORIDE	32102	<0.600	<0.600	<0.600	<0.600	
UG/L	HA					
BROMODICHLOROMETHANE	32101	<0.500	<0.500	<0.500	<0.500	<0.500
UG/L	HA					
1,2-DICHLOROPROPANE	34541	<0.200	<0.200	<0.200	<0.200	
UG/L	HA					
TRANS-1,3-DICHLORO	34699	<2.00	<2.00	<2.00	<2.00	
PROPENE UG/L	HA					
1,1,2-TRICHL 'ETHANE	34511	<0.100	<0.100	<0.100	<0.100	
UG/L	HA					

Hunter/ESE, Inc.
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LAB COORDINATOR ANGELA BURCH

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SAMPLE ID/#						
AMETERS	UNITS	STORET METHOD	TBLK P78-TB 1	TBLK P78-TB 2	TBLK P78-TB 3	TBLK P78-TB 4
						TBLK P78-TB 5
DATE			12/16/88	12/16/88	12/16/88	12/16/88
TIME						01/24/89 12:30
TRICHLOROETHENE		39180	<0.600	<0.600	<0.600	<0.600
UG/L		HA				
DIBROMOCHLOROMETHANE		32105	<0.500	<0.500	<0.500	<0.500
UG/L		HA				
CIS-1,3-DICHLORO		34704	<2.00	<2.00	<2.00	<2.00
PROPENE		HA				
2-CHLOROETHYL VINYL		34576	<0.700	<0.700	<0.700	<0.700
ETHER		HA				
BROMOFORM		32104	<1.00	<1.00	<1.00	<1.00
UG/L		HA				
1,1,1,2-TETRACHLOROETHANE		77562	<5.00	<5.00	<5.00	<5.00
UG/L		HA				
TRICHLOROPROPANE		97758	<5.0	<5.0	<5.0	<5.0
UG/L		HA				
TETRACHLOROETHENE		34475	<0.200	<0.200	<0.200	<0.200
UG/L		HA				
1,1,2,2-TETRACHLOROETHANE		34516	<0.200	<0.200	<0.200	<0.200
UG/L		HA				
CHLOROBENZENE		34301	<1.00	<1.00	<1.00	<1.00
UG/L		HA				
1-CHLOROHEXANE		97761	<5.0	<5.0	<5.0	<5.0
UG/L		HA				
BROMOBENZENE		99634	<5	<5	<5	<5
UG/L		HA				
CHLOROBENZENE, TOT.		81524	<4.50	<4.50	<4.50	<4.50
UG/L		HA				

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PARAMETERS		STORET METHOD	SAMPLE ID/#				
UNITS			TBLK P78-TB 6	TBLK P78-TB 7	TBLK P78-TB 8	TBLK P78-TB 9	TBLK P78-TB 10
DATE			01/25/89	01/31/89	01/13/89	02/01/89	01/31/89
TIME			13:00		11:38		
BENZENE		34030	<0.70	<0.70		<0.70	<0.70
	UG/L	PI					
TOLUENE		34010	<1.00	<1.00		<1.00	<1.00
	UG/L	PI					
CHLOROBENZENE		34301	<1.00	<1.00		<1.00	<1.00
	UG/L	PI					
ETHYLBENZENE		34371	<1.00	<1.00		<1.00	<1.00
	UG/L	PI					
BROMOBENZENE		99634	<5.00	<5.00		<5.00	<5.00
	UG/L	PI					
XYLENES, TOTAL		81551	<2.00	<2.00		<2.00	<2.00
	UG/L	PI					
DICHLOROBENZENE, TOT.		81524	<4.50	<4.50		<4.50	<4.50
	UG/L	PI					
CHLOROMETHANE		34418	<0.500	<0.500		<0.500	<0.500
	UG/L	HA					
BROMOMETHANE		34413	<6.00	<6.00		<6.00	<6.00
	UG/L	HA					
VINYL CHLORIDE		39175	<0.200	<0.200		<0.200	<0.200
	UG/L	HA					
CHLOROETHANE		34311	<3.00	<3.00		<3.00	<3.00
	UG/L	HA					
DICHLORODIFLUORO		34668	<9.00	<9.00		<9.00	<9.00
ETHANE	UG/L	HA					
ETHYLENE CHLORIDE		34423	<2.00	<2.00	<2.00	<2.00	<2.00
	UG/L	HA					
TRICHL' FLUOROMETHANE		34488	<5.00	<5.00		<5.00	<5.00
	UG/L	HA					
1,1-DICHLOROETHYLENE		34501	<0.700	<0.700		<0.700	<0.700
	UG/L	HA					
1,1-DICHLOROETHANE		34496	<0.400	<0.400		<0.400	<0.400
	UG/L	HA					
TRANS-1,2-DICHLORO		34546	<0.500	<0.500		<0.500	<0.500
ETHENE	UG/L	HA					
CHLOROFORM		32106	1.42	2.16	3.23	1.11	1.37
	UG/L	HA					
1,2-DICHLOROETHANE		34531	<0.410	<0.410		<0.410	<0.410
	UG/L	HA					
DIBROMOMETHANE		81522	<6.00	<6.00		<6.00	<6.00
	UG/L	HA					
1,1,1-TRICHL' ETHANE		34506	<0.250	<0.250		<0.250	<0.250
	UG/L	HA					
CARBON TETRACHLORIDE		32102	<0.600	<0.600		<0.600	<0.600
	UG/L	HA					
BROMODICHLOROMETHANE		32101	<0.500	<0.500	<0.500	<0.500	<0.500
	UG/L	HA					
1,2-DICHLOROPROPANE		34541	<0.200	<0.200		<0.200	<0.200
	UG/L	HA					
TRANS-1,3-DICHLORO		34699	<2.00	<2.00		<2.00	<2.00
PROPENE	UG/L	HA					
1,1,2-TRICHL' ETHANE		34511	<0.200	<0.200		<0.200	<0.200
	UG/L	HA					

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AMETERS		SAMPLE ID/#				
UNITS	STORET METHOD	TBLK P78-TB 6	TBLK P78-TB 7	TBLK P78-TB 8	TBLK P78-TB 9	TBLK P78-TB 10
DATE		01/25/89	01/31/89	01/13/89	02/01/89	01/31/89
TIME		13:00		11:38		
TRICHLOROETHENE	39180	<0.600	<0.600		<0.600	<0.600
UG/L	HA					
DIBROMOCHLOROMETHANE	32105	<0.500	<0.500		<0.500	<0.500
UG/L	HA					
CIS-1,3-DICHLORO	34704	<0.500	<0.500		<0.500	<0.500
PROPENE	UG/L					
2-CHLOROETHYL VINYL	34576	<0.700	<0.700		<0.700	<0.700
ETHER	UG/L					
BROMOFORM	32104	<1.00	<1.00		<1.00	<1.00
UG/L	HA					
1,1,1,2-TETRACHLOROETHANE	77562	<5.00	<5.00		<5.00	<5.00
UG/L	HA					
TRICHLOROPROPANE	97758	<5.0	<5.0		<5.0	<5.0
UG/L	HA					
TETRACHLOROETHENE	34475	<0.200	<0.200		<0.200	<0.200
UG/L	HA					
1,1,2,2-TETRACHLOROETHANE	34516	<0.200	<0.200		<0.200	<0.200
UG/L	HA					
CHLOROBENZENE	34301	<1.00	<1.00		<1.00	<1.00
UG/L	HA					
1-CHLOROHEXANE	97761	<5.0	<5.0		<5.0	<5.0
UG/L	HA					
BROMOBENZENE	99634	<5	<5		<5	<5
UG/L	HA					
CHLOROBENZENE, TOT.	81524	<4.50	<4.50		<4.50	<4.50
UG/L	HA					

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AMETERS	STORET	TBLK
UNITS	METHOD	P78-TB
		11
DATE		01/30/89
TIME		10:50
BENZENE	34030	<0.70
UG/L	PI	
TOLUENE	34010	<1.00
UG/L	PI	
CHLOROBENZENE	34301	<1.00
UG/L	PI	
ETHYLBENZENE	34371	<1.00
UG/L	PI	
BROMOBENZENE	99634	<5.00
UG/L	PI	
XYLENES, TOTAL	81551	<2.00
UG/L	PI	
DICHLOROBENZENE, TOT.	81524	<4.50
UG/L	PI	
CHLOROMETHANE	34418	<0.500
UG/L	HA	
BROMOMETHANE	34413	<6.00
UG/L	HA	
VINYL CHLORIDE	39175	<0.200
UG/L	HA	
CHLOROETHANE	34311	<3.00
UG/L	HA	
DICHLORODIFLUORO	34668	<9.00
ETHANE UG/L	HA	
ETHYLENE CHLORIDE	34423	<2.00
UG/L	HA	
TRICHL ' FLUOROMETHANE	34488	<5.00
UG/L	HA	
1,1-DICHLOROETHYLENE	34501	<0.700
UG/L	HA	
1,1-DICHLOROETHANE	34496	<0.400
UG/L	HA	
TRANS-1,2-DICHLORO	34546	<0.500
ETHENE UG/L	HA	
CHLOROFORM	32106	1.55
UG/L	HA	
1,2-DICHLOROETHANE	34531	<0.410
UG/L	HA	
DIBROMOMETHANE	81522	<6.00
UG/L	HA	
1,1,1-TRICHL ' ETHANE	34506	<0.250
UG/L	HA	
CARBON TETRACHLORIDE	32102	<0.600
UG/L	HA	
BROMODICHLOROMETHANE	32101	<0.500
UG/L	HA	
1,2-DICHLOROPROPANE	34541	<0.200
UG/L	HA	
TRANS-1,3-DICHLORO	34699	<2.00
PROPENE UG/L	HA	
1,1,2-TRICHL ' ETHANE	34511	<0.200
UG/L	HA	

Hunter/ESE, Inc.
PROJECT NUMBER 99003
FIELD GROUP P78-TB
ALL

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PROJECT MANAGER CHRIS DREIER
LAB COORDINATOR ANGELA BURCH
SAMPLE ID/#

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AMETERS	STORET	TBLK
UNITS	METHOD	P78-TB
		11
DATE		01/30/89
TIME		10:50
TRICHLOROETHENE	39180	<0.600
UG/L	HA	
DIBROMOCHLOROMETHANE	32105	<0.500
UG/L	HA	
CIS-1,3-DICHLORO	34704	<0.500
PROPENE UG/L	HA	
2-CHLOROETHYLVINYL	34576	<0.700
ETHER UG/L	HA	
BROMOFORM	32104	<1.00
UG/L	HA	
1,1,1,2-TETRACH'ETHA	77562	<5.00
NE UG/L	HA	
TRICHLOROPROPANE	97758	<5.0
UG/L	HA	
TETRACHLOROETHENE	34475	<0.200
UG/L	HA	
1,1,2,2-TETRACHLORO	34516	<0.200
ETHANE UG/L	HA	
CHLOROBENZENE	34301	<1.00
UG/L	HA	
1-CHLOROHEXANE	97761	<5.0
UG/L	HA	
BROMOBENZENE	99634	<5
UG/L	HA	
CHLOROBENZENE,TOT.	81524	<4.50
UG/L	HA	

RINSE WATER BLANKS
8010/8020

PARAMETERS		STORET	RWBLK	SAMPLE	ID/#
UNITS		METHOD	P78-RWB 1	P78-RWB 2	P78-RWB 3
DATE			12/15/88	01/25/89	01/28/89
TIME			14:00	11:30	12:00
BENZENE		34030	<0.70	<0.70	<0.70
UG/L		PI			
TOLUENE		34010	<1.00	<1.00	<1.00
UG/L		PI			
CHLOROBENZENE		34301	<1.00	<1.00	<1.00
UG/L		PI			
ETHYLBENZENE		34371	<1.00	<1.00	<1.00
UG/L		PI			
BROMOBENZENE		99634	<5.00	<5.00	<5.00
UG/L		PI			
XYLENES, TOTAL		81551	<2.00	<2.00	<2.00
UG/L		PI			
DICHLOROBENZENE, TOT.		81524	<4.50	<4.50	<4.50
UG/L		PI			
CHLOROMETHANE		34418	<0.400	<0.500	<0.500
UG/L		HA			
BROMOMETHANE		34413	<6.00	<6.00	<6.00
UG/L		HA			
VINYL CHLORIDE		39175	<0.200	<0.200	<0.200
UG/L		HA			
CHLOROETHANE		34311	<3.00	<3.00	<3.00
UG/L		HA			
DICHLORODIFLUORO		34668	<9.00	<9.00	<9.00
ETHANE UG/L		HA			
ETHYLENE CHLORIDE		34423	2.39	<2.00	3.05
UG/L		HA			
TRICHL' FLUOROMETHANE		34488	<5.00	<5.00	<5.00
UG/L		HA			
1,1-DICHLOROETHYLENE		34501	<0.700	<0.700	<0.700
UG/L		HA			
1,1-DICHLOROETHANE		34496	<0.400	<0.400	<0.400
UG/L		HA			
TRANS-1,2-DICHLORO		34546	<0.500	<0.500	<0.500
ETHENE UG/L		HA			
CHLOROFORM		32106	0.722	<0.200	<0.200
UG/L		HA			
1,2-DICHLOROETHANE		34531	<0.200	<0.410	0.978
UG/L		HA			
DIBROMOMETHANE		81522	<5.00	<6.00	<6.00
UG/L		HA			
1,1,1-TRICHL' ETHANE		34506	<0.200	<0.250	<0.250
UG/L		HA			
CARBON TETRACHLORIDE		32102	<0.600	<0.600	<0.600
UG/L		HA			
BROMODICHLOROMETHANE		32101	<0.500	<0.500	<0.500
UG/L		HA			
1,2-DICHLOROPROPANE		34541	<0.200	<0.200	<0.200
UG/L		HA			
TRANS-1,3-DICHLORO		34699	<2.00	<2.00	<2.00
PROPENE UG/L		HA			
1,1,2-TRICHL' ETHANE		34511	<0.100	<0.200	<0.200
UG/L		HA			

Hunter/ESE, Inc.
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PARAMETERS		STORET	SAMPLE ID/#		
UNITS	METHOD		RWBLK P78-RWB 1	RWBLK P78-RWB 2	RWBLK P78-RWB 3
DATE			12/15/88	01/25/89	01/28/89
TIME			14:00	11:30	12:00
TRICHLOROETHENE	39180		<0.600	<0.600	<0.600
UG/L	HA				
DIBROMOCHLOROMETHANE	32105		<0.500	<0.500	<0.500
UG/L	HA				
CIS-1,3-DICHLORO	34704		<2.00	<0.500	<0.500
PROPENE	UG/L	HA			
2-CHLOROETHYL VINYL	34576		<0.700	<0.700	<0.700
ETHER	UG/L	HA			
BROMOFORM	32104		<1.00	<1.00	<1.00
UG/L	HA				
1,1,1,2-TETRACH'ETHA	77562		<5.00	<5.00	<5.00
NE	UG/L	HA			
TRICHLOROPROPANE	97758		<5.0	<5.0	<5.0
UG/L	HA				
TETRACHLOROETHENE	34475		<0.200	<0.200	<0.200
UG/L	HA				
1,1,2,2-TETRACHLORO	34516		<0.200	<0.200	<0.200
ETHANE	UG/L	HA			
CHLOROBENZENE	34301		<1.00	<1.00	<1.00
UG/L	HA				
1-CHLOROHEXANE	97761		<5.0	<5.0	<5.0
UG/L	HA				
BROMOBENZENE	99634		<5	<5	<5
UG/L	HA				
CHLOROBENZENE, TOT.	81524		<4.50	<4.50	<4.50
UG/L	HA				
HYDROCARBONS, PETROL.	99388		<528	<599	826
,TOT	UG/L	DIR			

RINSE WATER BLANKS CONFIRMATION
8010/8020

Hunter/ESE, Inc.
PROJECT NUMBER 99003 0100
FIELD GROUP P78-RWBC
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PARAMETERS	STORET	RWBLK
UNITS	METHOD	P78-RWBC
DATE		12/15/88
TIME		14:00
BENZENE	34030	
UG/L	PI	
TOLUENE	34010	
UG/L	PI	
CHLOROBENZENE	34301	
UG/L	PI	
ETHYLBENZENE	34371	
UG/L	PI	
BROMOBENZENE	99634	<5.00
UG/L	PI	
XYLENES, TOTAL	81551	
UG/L	PI	
DICHLOROBENZENE, TOT.	81524	
UG/L	PI	
CHLOROMETHANE	34418	
UG/L	HA	
BROMOMETHANE	34413	
UG/L	HA	
VINYL CHLORIDE	39175	
UG/L	HA	
CHLOROETHANE	34311	
UG/L	HA	
DICHLORODIFLUORO	34668	
ETHANE UG/L	HA	
ETHYLENE CHLORIDE	34423	6.69
UG/L	HA	
TRICHL 'FLUOROMETHANE	34488	
UG/L	HA	
1,1-DICHLOROETHYLENE	34501	
UG/L	HA	
1,1-DICHLOROETHANE	34496	
UG/L	HA	
TRANS-1,2-DICHLORO	34546	
ETHENE UG/L	HA	
CHLOROFORM	32106	0.501
UG/L	HA	
1,2-DICHLOROETHANE	34531	
UG/L	HA	
DIBROMOMETHANE	81522	
UG/L	HA	
1,1,1-TRICHL 'ETHANE	34506	
UG/L	HA	
CARBON TETRACHLORIDE	32102	
UG/L	HA	
BROMODICHLOROMETHANE	32101	
UG/L	HA	
1,2-DICHLOROPROPANE	34541	
UG/L	HA	
TRANS-1,3-DICHLORO	34699	
PROPENE UG/L	HA	
1,1,2-TRICHL 'ETHANE	34511	
UG/L	HA	

Hunter/ESE, Inc.
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PARAMETERS	STORET	RWBLK
UNITS	METHOD	
DATE		12/15/88
TIME		14:00
TRICHLOROETHENE	39180	
UG/L	HA	
DIBROMOCHLOROMETHANE	32105	
UG/L	HA	
CIS-1,3-DICHLORO	34704	
PROPENE UG/L	HA	
2-CHLOROETHYL VINYL	34576	
ETHER UG/L	HA	
BROMOFORM	32104	
UG/L	HA	
1,1,1,2-TETRACH'ETHA	77562	
NE UG/L	HA	
TRICHLOROPROPANE	97758	
UG/L	HA	
TETRACHLOROETHENE	34475	
UG/L	HA	
1,1,2,2-TETRACHLORO	34516	
ETHANE UG/L	HA	
CHLOROBENZENE	34301	
UG/L	HA	
1-CHLOROHEXANE	97761	
UG/L	HA	
BROMOBENZENE	99634	<5
UG/L	HA	
CHLOROBENZENE, TOT.	81524	
UG/L	HA	

RINSE WATER BLANKS
BASE/NEUTRAL ACIDS

Hunter/ESE, Inc.
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PARAMETERS	STORET	RWBLK	RWBLK
UNITS	METHOD	P78-RWB	P78-RWB
		2	3
DATE		01/25/89	01/28/89
TIME		11:30	12:00
ACENAPHTHENE	34205	<0.36	<0.36
UG/L	ADMS		
ACENAPHTHYLENE	34200	<0.32	<0.32
UG/L	ADMS		
ACETOPHENONE	81553	<6.9	<6.9
UG/L	ADMS		
ANILINE	77089	<10	<10
UG/L	ADMS		
ANTHRACENE	34220	<0.62	<0.62
UG/L	ADMS		
4-AMINOBIIPHENOL	97693	<65	<65
UG/L	ADMS		
BENZIDINE	39120	<140	<140
UG/L	ADMS		
BENZO(A)ANTHRACENE	34526	<0.30	<0.30
UG/L	ADMS		
BENZO(B)FLUORANTHENE	34230	<0.80	<0.80
UG/L	ADMS		
BENZO(K)FLUORANTHENE	34242	<1.7	<1.7
UG/L	ADMS		
BENZO(A)PYRENE	34247	<0.28	<0.28
UG/L	ADMS		
BENZO(GHI)PERYLENE	34521	<1.2	<1.2
UG/L	ADMS		
BENZYL ALCOHOL	77147	<0.700	<0.700
UG/L	ADMS		
BENZOIC ACID	77247	<3.18	<3.18
UG/L	ADMS		
BUTYLBENZYLPHTHALATE	34292	<2.1	<2.1
UG/L	ADMS		
BIS(2-CHLOROETHYL)	34273	<0.28	<0.28
ETHER UG/L	ADMS		
BIS(2-CHLOROETHOXY)	34278	<0.48	<0.48
METHANE UG/L	ADMS		
BIS(2-ETHYLHEXYL)	39100	<3.1	<3.1
PHTHALATE UG/L	ADMS		
BIS(2-CHL'ISOPROPYL)	34283	<1.1	<1.1
ETHER UG/L	ADMS		
4-BROMOPHENYLPHENYL	34636	<0.58	<0.58
ETHER UG/L	ADMS		
4-CHLOROANILINE	99075	<0.680	<0.680
UG/L	ADMS		
1-CHLORONAPHTHALENE	97694	<11.0	<11.0
UG/L	ADMS		
2-CHLORONAPHTHALENE	34581	<0.46	<0.46
UG/L	ADMS		
2-CHLOROPHENOL	34586	<0.28	<0.28
UG/L	ADMS		
4-CHLORO-3-METHYL	34452	<0.96	<0.96
PHENOL UG/L	ADMS		
4-CHLOROPHENYLPHENYL	34641	<0.80	<0.80
ETHER UG/L	ADMS		

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PARAMETERS	STORET	RWBLK	RWBLK
UNITS	METHOD	P78-RWB	P78-RWB
		2	3
DATE		01/25/89	01/28/89
TIME		11:30	12:00
CHRYSENE	34320	<3.1	<3.1
UG/L	ADMS		
DIBENZ(A,J)ACRIDINE	97695	<65.5	<65.5
UG/L	ADMS		
DIBEN'(A,H)ANTH'CENE	34556	<1.6	<1.6
UG/L	ADMS		
DIBENZOFURAN	81302	<0.340	<0.340
UG/L	ADMS		
DI-N-BUTYLPHthalate	39110	<1.7	<1.7
UG/L	ADMS		
1,3-DICHLOROBENZENE	34566	<0.10	<0.10
UG/L	ADMS		
1,2-DICHLOROBENZENE	34536	<0.40	<0.40
UG/L	ADMS		
1,4-DICHLOROBENZENE	34571	<0.24	<0.24
UG/L	ADMS		
3,3'-DICHL'BENZIDINE	34631	<3.9	<3.9
UG/L	ADMS		
2,4-DICHLOROPHENOL	34601	<0.36	<0.36
UG/L	ADMS		
2,6-DICHLOROPHENOL	77541	<18.3	<18.3
UG/L	ADMS		
DIETHYLPHthalate	34336	<1.7	<1.7
UG/L	ADMS		
DIMETHYLAMINOAZOBE	97696	<7.18	<7.18
NE UG/L	ADMS		
7,12-DIMETHYLBENZ(A)	97697	<10.9	<10.9
ANTHRANCENUG/L	ADMS		
A-,A-DIMETHYLPHENETH	97698	<14.2	<14.2
YLAMINE UG/L	ADMS		
2,4-DIMETHYLPHENOL	34606	<0.28	<0.28
UG/L	ADMS		
4,6-DINITRO-2-METHYL	97711	<3.02	<3.02
PHENOL UG/L	ADMS		
DIMETHYLPHthalate	34341	<0.84	<0.84
UG/L	ADMS		
2,4-DINITROPHENOL	34616	<3.4	<3.4
UG/L	ADMS		
2,4-DINITROTOLUENE	34611	<2.4	<2.4
UG/L	ADMS		
2,6-DINITROTOLUENE	34626	<1.9	<1.9
UG/L	ADMS		
DIPHENYLAMINE	77579	<8.30	<8.30
UG/L	ADMS		
1,2-DIPHEN'HYDRAZINE	34346	<15	<15
UG/L	ADMS		
DI-N-OCTYLPHthalate	34596	<4.9	<4.9
UG/L	ADMS		
ETHYL METHANESULFONA	97699	<16	<16
TE UG/L	ADMS		
FLUORANTHENE	34376	<1.4	<1.4
UG/L	ADMS		

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PARAMETERS	STORET	RWBLK	RWBLK
UNITS	METHOD	P78-RWB	P78-RWB
		2	3
DATE		01/25/89	01/28/89
TIME		11:30	12:00
FLUORENE	34381	<0.88	<0.88
UG/L	ADMS		
HEXACHLOROBENZENE	39700	<0.68	<0.68
UG/L	ADMS		
HEXACHLOROBUTADIENE	34391	<0.54	<0.54
UG/L	ADMS		
HEXACHLOROCYCLOPENTA	34386	<1.7	<1.7
DIENE UG/L	ADMS		
HEXACHLOROETHANE	34396	<0.28	<0.28
UG/L	ADMS		
INDENO(1,2,3-CD)	34403	<1.6	<1.6
PYRENE UG/L	ADMS		
ISOPHORONE	34408	<0.36	<0.36
UG/L	ADMS		
2-METHYL PHENOL	99073	<0.840	<0.840
UG/L	ADMS		
4-METHYL PHENOL	99074	<0.800	<0.800
UG/L	ADMS		
3-METHYLCHOLANTHRENE	97700	<11	<11
UG/L	ADMS		
METHYL METHANESULFON	97701	<14	<14
ATE UG/L	ADMS		
2-METHLYNAPHTHALENE	77416	<0.9	<0.9
UG/L	ADMS		
HTHALENE	34696	<0.26	<0.26
UG/L	ADMS		
1-NAPHTHYLAMINE	97702	<9.6	<9.6
UG/L	ADMS		
2-NAPHTHYLAMINE	97703	<7.5	<7.5
UG/L	ADMS		
2-NITROANILINE	99077	<2.28	<2.28
UG/L	ADMS		
3-NITROANILINE	99078	<3.06	<3.06
UG/L	ADMS		
4-NITROANILINE	99079	<3.84	<3.84
UG/L	ADMS		
NITROBENZENE	34447	<1.1	<1.1
UG/L	ADMS		
N-NITROSOPIPERIDINE	97704	<31	<31
UG/L	ADMS		
2-NITROPHENOL	34591	<1.8	<1.8
UG/L	ADMS		
4-NITROPHENOL	34646	<3.8	<3.8
UG/L	ADMS		
N-NITROSO-DI-N-BUTYL	97715	<17	<17
AMINE UG/L	ADMS		
N-NITROSODIMET'AMINE	34438	<14	<14
UG/L	ADMS		
N-NITROSODI-N-PROPYL	34428	<1.4	<1.4
AMINE UG/L	ADMS		
N-NITROSODIPHE'AMINE	34433	<0.54	<0.54
UG/L	ADMS		

Hunter/ESE, Inc.
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PARAMETERS	STORET	RWBLK	RWBLK
UNITS	METHOD	P78-RWB	P78-RWB
		2	3
DATE		01/25/89	01/28/89
TIME		11:30	12:00
PENTACHLOROPHENOL	39032	<1.8	<1.8
UG/L	ADMS		
PENTACHLOROBENZENE	97705	<11	<11
UG/L	ADMS		
PENTACHLORONITROBENZ	97706	<40	<40
ENE	ADMS		
PHENACETIN	97707	<44	<44
UG/L	ADMS		
PHENANTHRENE	34461	<0.46	<0.46
UG/L	ADMS		
PHENOL	34694	<1.0	<1.0
UG/L	ADMS		
2-PICOLINE	97708	<32	<32
UG/L	ADMS		
PRONAMIDE	97709	<21	<21
UG/L	ADMS		
PYRENE	34469	<1.7	<1.7
UG/L	ADMS		
1,2,4,5-TETRACHLOROB	97710	<17	<17
ENZENE	ADMS		
1,2,4-TRICHL'BENZENE	34551	<0.52	<0.52
UG/L	ADMS		
2,3,4,6 TETRACL'PHEN	97209	<18	<18
OL	ADMS		
5-TRICHL'PHENOL	77687	<0.9	<0.9
UG/L	ADMS		
2,4,6-TRICHL'PHENOL	34621	<0.34	<0.34
UG/L	ADMS		

**ANALYTICAL TEST RESULTS FOR ANALYTICAL SAMPLES
AND LABORATORY QA/QC CONTROL LIMITS**

STANDARD MATRIX SPIKE RECOVERY AND REPLICATE SUMMARY
SOILS, 8010/8020

Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	R.P.D.	R.P.D. CRIT.
BENZENE	MG/KG-DRY	34237*ADPI	D539	SP*CHECK*1	12/07/88	4.55	4.32	94.9	66-142	21	21
BENZENE	MG/KG-DRY		D549	SP*CHECK*1	12/12/88	4.54	4.32	95.2	66-142	21	21
BENZENE	MG/KG-DRY		D561	SP1*CHECK*1	12/14/88	4.55	2.22	48.8*	66-142	21	21
BENZENE	MG/KG-DRY		D577	SP*CHECK*1	12/22/88	4.55	4.08	89.7	66-142	21	21
BENZENE	MG/KG-DRY		D581	SP*CHECK*1	12/24/88	4.55	4.77	105	66-142	21	21
BENZENE	MG/KG-DRY		D611	SP1*CHECK*1	01/25/88	4.55	5.33	117	66-142	21	21
TOLUENE	MG/KG-DRY	34483*ADPI	D539	SP*CHECK*1	12/07/88	4.55	4.42	97.1	59-139	21	21
TOLUENE	MG/KG-DRY		D549	SP*CHECK*1	12/12/88	4.54	4.42	97.4	59-139	21	21
TOLUENE	MG/KG-DRY		D561	SP1*CHECK*1	12/14/88	4.55	2.29	50.3*	59-139	21	21
TOLUENE	MG/KG-DRY		D577	SP*CHECK*1	12/22/88	4.55	4.05	89.0	59-139	21	21
TOLUENE	MG/KG-DRY		D581	SP*CHECK*1	12/24/88	4.55	4.80	105	59-139	21	21
TOLUENE	MG/KG-DRY		D611	SP1*CHECK*1	01/25/88	4.55	5.46	120	59-139	21	21
CHLOROBENZENE	MG/KG-DRY	34304*ADPI	D539	SP*CHECK*1	12/07/88	9.10	9.92	109	60-133	21	21
CHLOROBENZENE	MG/KG-DRY		D549	SP*CHECK*1	12/12/88	9.10	8.79	96.6	60-133	21	21
CHLOROBENZENE	MG/KG-DRY		D561	SP1*CHECK*1	12/14/88	9.10	5.59	61.4*	60-133	21	21
CHLOROBENZENE	MG/KG-DRY		D577	SP*CHECK*1	12/22/88	9.10	7.83	86.0	60-133	21	21
CHLOROBENZENE	MG/KG-DRY		D581	SP*CHECK*1	12/24/88	9.10	7.82	85.9	60-133	21	21
CHLOROBENZENE	MG/KG-DRY		D611	SP1*CHECK*1	01/25/88	9.10	10.8	119	60-133	21	21
TRICHLOROETHYLENE	MG/KG-DRY	34487*ADHA	D539	SP*CHECK*1	12/07/88	4.55	5.68	125	62-137	24	24
TRICHLOROETHYLENE	MG/KG-DRY		D549	SP*CHECK*1	12/12/88	4.54	5.15	113	62-137	24	24
TRICHLOROETHYLENE	MG/KG-DRY		D561	SP1*CHECK*1	12/14/88	4.55	2.96	65.1*	62-137	24	24
TRICHLOROETHYLENE	MG/KG-DRY		D577	SP*CHECK*1	12/22/88	4.55	4.62	102	62-137	24	24
TRICHLOROETHYLENE	MG/KG-DRY		D581	SP*CHECK*1	12/24/88	4.55	5.27	116	62-137	24	24
TRICHLOROETHYLENE	MG/KG-DRY		D611	SP1*CHECK*1	01/25/88	4.55	4.79	105	62-137	24	24
1,1-DICHLOROETHENE	MG/KG-DRY	34504*ADHA	D539	SP*CHECK*1	12/07/88	4.55	4.90	108	50-172	22	22
1,1-DICHLOROETHENE	MG/KG-DRY		D549	SP*CHECK*1	12/12/88	4.54	4.57	101	50-172	22	22
1,1-DICHLOROETHENE	MG/KG-DRY		D561	SP1*CHECK*1	12/14/88	4.55	1.86	40.9*	50-172	22	22
1,1-DICHLOROETHENE	MG/KG-DRY		D577	SP*CHECK*1	12/22/88	4.55	3.75	82.4	50-172	22	22
1,1-DICHLOROETHENE	MG/KG-DRY		D581	SP*CHECK*1	12/24/88	4.55	4.53	99.6	50-172	22	22
1,1-DICHLOROETHENE	MG/KG-DRY		D611	SP1*CHECK*1	01/25/88	4.55	4.84	106	50-172	22	22

* No hits were recorded for control analytes. Low % recovery due to low spike.

Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.
BENZENE	MG/KG-DRY	34237*ADP I	D539	SPM1*P78-S*4	12/07/88	1.03	0.903	87.6	66-142	0.043	21	
BENZENE	MG/KG-DRY			SPM2*P78-S*4		1.03	0.899	87.2	66-142	0.043	0.572	21
BENZENE	MG/KG-DRY		D549	SPM1*P78-S*3	12/12/88	1.22	0.998	81.8	66-142	0.0	21	
BENZENE	MG/KG-DRY			SPM2*P78-S*3		1.22	1.01	82.9	66-142	0.0	1.34	21
BENZENE	MG/KG-DRY			SPM1*P78-S*52		1.51	1.01	66.9	66-142	0.0	21	
BENZENE	MG/KG-DRY			SPM2*P78-S*52		1.51	1.10	73.1	66-142	0.0	8.86	21
BENZENE	MG/KG-DRY		D561	SPM1*P78-S*33	12/14/88	1.01	0.862	85.4	66-142	0.050	21	
BENZENE	MG/KG-DRY			SPM2*P78-S*33		1.01	0.865	85.7	66-142	0.050	0.468	21
BENZENE	MG/KG-DRY		D577	SPM1*P78-S*37	12/22/88	1.00	1.09	109	66-142	0.0	0.0	21
BENZENE	MG/KG-DRY			SPM2*P78-S*37		1.00	1.09	109	66-142	0.0	0.0	21
BENZENE	MG/KG-DRY		D581	SPM1*P78-S*44	12/24/88	0.965	0.988	102	66-142	0.0	21	
BENZENE	MG/KG-DRY			SPM2*P78-S*44		0.965	1.03	107	66-142	0.0	4.78	21
BENZENE	MG/KG-DRY		D611	SPM1*P78-S*64	01/25/88	0.920	1.04	114	66-142	0.0	21	
BENZENE	MG/KG-DRY			SPM2*P78-S*64		0.920	1.10	119	66-142	0.0	5.17	21
TOLUENE	MG/KG-DRY	34483*ADP I	D539	SPM1*P78-S*4	12/07/88	1.03	0.989	96.1	59-139	0.031	21	
TOLUENE	MG/KG-DRY			SPM2*P78-S*4		1.03	0.989	95.7	59-139	0.031	0.313	21
TOLUENE	MG/KG-DRY		D549	SPM1*P78-S*3	12/12/88	1.22	1.10	90.0	59-139	0.0	0.221	21
TOLUENE	MG/KG-DRY			SPM2*P78-S*3		1.22	1.10	90.4	59-139	0.0	21	
TOLUENE	MG/KG-DRY			SPM1*P78-S*52		1.51	1.10	72.9	59-139	0.0	21	
TOLUENE	MG/KG-DRY			SPM2*P78-S*52		1.51	1.21	80.3	59-139	0.0	9.80	21
TOLUENE	MG/KG-DRY		D561	SPM1*P78-S*33	12/14/88	1.01	0.891	88.3	59-139	0.044	21	
TOLUENE	MG/KG-DRY			SPM2*P78-S*33		1.01	0.892	88.3	59-139	0.044	0.113	21
TOLUENE	MG/KG-DRY		D577	SPM1*P78-S*37	12/22/88	1.00	0.961	96.4	59-139	0.139	21	
TOLUENE	MG/KG-DRY			SPM2*P78-S*37		1.00	0.971	97.4	59-139	0.139	1.34	21
TOLUENE	MG/KG-DRY		D581	SPM1*P78-S*44	12/24/88	0.965	1.02	105	59-139	0.0	21	
TOLUENE	MG/KG-DRY			SPM2*P78-S*44		0.965	1.06	110	59-139	0.0	3.70	21
TOLUENE	MG/KG-DRY		D611	SPM1*P78-S*64	01/25/88	0.920	1.06	115	59-139	0.0	21	
TOLUENE	MG/KG-DRY			SPM2*P78-S*64		0.920	1.10	119	59-139	0.0	3.42	21
CHLOROBENZENE	MG/KG-DRY	34304*ADP I	D539	SPM1*P78-S*4	12/07/88	1.03	1.09	106	60-133	0.0	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*4		1.03	1.08	105	60-133	0.0	0.948	21
CHLOROBENZENE	MG/KG-DRY		D549	SPM1*P78-S*3	12/12/88	1.22	1.04	85.5	60-133	0.0	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*3		1.22	0.995	81.6	60-133	0.0	4.32	21
CHLOROBENZENE	MG/KG-DRY			SPM1*P78-S*52		1.51	1.00	66.3	60-133	0.0	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*52		1.51	1.11	73.5	60-133	0.0	10.5	21
CHLOROBENZENE	MG/KG-DRY		D561	SPM1*P78-S*33	12/14/88	1.01	0.865	85.7	60-133	0.0	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*33		1.01	0.864	85.6	60-133	0.0	0.0	21
CHLOROBENZENE	MG/KG-DRY		D577	SPM1*P78-S*37	12/22/88	1.00	0.933	93.7	60-133	0.117	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*37		1.00	0.953	95.0	60-133	0.117	1.81	21
CHLOROBENZENE	MG/KG-DRY		D581	SPM1*P78-S*44	12/24/88	0.965	0.965	100	60-133	0.0	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*44		0.965	1.00	104	60-133	0.0	3.92	21
CHLOROBENZENE	MG/KG-DRY		D611	SPM1*P78-S*64	01/25/88	0.920	1.06	116	60-133	0.0	21	
CHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*64		0.920	1.10	120	60-133	0.0	4.26	21
TRICHLOROETHYLENE	MG/KG-DRY	34487*ADH A	D539	SPM1*P78-S*4	12/07/88	1.03	1.11	108	62-137	0.0	24	
TRICHLOROETHYLENE	MG/KG-DRY			SPM2*P78-S*4		1.03	1.12	108	62-137	0.0	0.0	24
TRICHLOROETHYLENE	MG/KG-DRY		D549	SPM1*P78-S*3	12/12/88	1.22	1.10	90.0	62-137	0.0	24	
TRICHLOROETHYLENE	MG/KG-DRY			SPM2*P78-S*3		1.22	0.994	81.5	62-137	0.0	10.1	24
TRICHLOROETHYLENE	MG/KG-DRY			SPM1*P78-S*52		1.51	1.01	67.0	62-137	0.0	24	
TRICHLOROETHYLENE	MG/KG-DRY		D561	SPM1*P78-S*33	12/14/88	1.01	1.09	72.4	62-137	0.0	7.90	24
TRICHLOROETHYLENE	MG/KG-DRY			SPM2*P78-S*33		1.01	1.03	100	62-137	0.0	24	
TRICHLOROETHYLENE	MG/KG-DRY					1.01	1.03	102	62-137	0.0	1.98	24

Sample Matrix Spike Recovery Summary

AME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%REC	RECV CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.
RICHLOROETHYLENE	MG/KG-DRY	34487*ADHA	D577	SPM1*P78-S*37	12/22/88	1.00	1.04	84	62-137	0.018		
RICHLOROETHYLENE	MG/KG-DRY			SPM2*P78-S*37		1.00	1.82	145	62-137	0.018	54.5	
RICHLOROETHYLENE	MG/KG-DRY		D581	SPM1*P78-S*44	12/24/88	0.965	1.32	137	62-137	0.0		24
RICHLOROETHYLENE	MG/KG-DRY			SPM2*P78-S*44		0.965	1.08	112	62-137	0.0	20.1	24
RICHLOROETHYLENE	MG/KG-DRY		D611	SPM1*P78-S*64	01/25/88	0.920	1.06	115	62-137	0.0		24
RICHLOROETHYLENE	MG/KG-DRY			SPM2*P78-S*64		0.920	1.03	112	62-137	0.0	2.64	24
1,1-DICHLOROETHENE	MG/KG-DRY	34504*ADHA	D539	SPM1*P78-S*4	12/07/88	1.03	1.07	104	50-172	0.0		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*4		1.03	1.11	107	50-172	0.0	2.84	22
1,1-DICHLOROETHENE	MG/KG-DRY		D549	SPM1*P78-S*3	12/12/88	1.22	1.05	85.7	50-172	0.0		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*3		1.22	0.970	79.5	50-172	0.0	7.97	22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM1*P78-S*52		1.51	0.968	64.1	50-172	0.0		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*52		1.51	1.05	69.3	50-172	0.0	7.80	22
1,1-DICHLOROETHENE	MG/KG-DRY		D561	SPM1*P78-S*33	12/14/88	1.01	0.892	88.3	50-172	0.0		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*33		1.01	0.912	90.3	50-172	0.0	2.24	22
1,1-DICHLOROETHENE	MG/KG-DRY		D577	SPM1*P78-S*37	12/22/88	1.00	0.920	92.0	50-172	0.001		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*37		1.00	0.945	94.5	50-172	0.001	2.68	22
1,1-DICHLOROETHENE	MG/KG-DRY		D581	SPM1*P78-S*44	12/24/88	0.965	0.965	100.0	50-172	0.0		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*44		0.965	1.00	104	50-172	0.0	3.92	22
1,1-DICHLOROETHENE	MG/KG-DRY		D611	SPM1*P78-S*64	01/25/88	0.920	1.01	110	50-172	0.0		22
1,1-DICHLOROETHENE	MG/KG-DRY			SPM2*P78-S*64		0.920	1.05	114	50-172	0.0	3.57	22

STANDARD MATRIX SPIKE RECOVERY AND REPLICATE SUMMARY
WATER, 8010/8020

Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	R.P.D.	R.P.D. CRIT.
BENZENE	UG/L	34030*PI	D532	SP1*CROSSCHK*1	12/06/88	4.55	3.36	73.8	50.5-152.5	11	11
BENZENE	UG/L		D584	SP1*CHECK*1	12/26/88	4.55	6.10	134 *	50.5-152.5	11	11
BENZENE	UG/L		D635	SP1*CHECK*1	02/02/89	4.55	4.53	99.6	50.5-152.5	11	11
BENZENE	UG/L			SP1*H SPK*1		1.82	1.84	101	50.5-152.5	11	11
BENZENE	UG/L		D661	SP1*CHECK*1	02/13/89	4.55	4.68	103	50.5-152.5	11	11
BENZENE	UG/L			SP2*METHOD*1		1.82	2.02	111	50.5-152.5	11	11
TOLUENE	UG/L	34010*PI	D532	SP1*CROSSCHK*1	12/06/88	4.55	3.52	77.4	76-125	13	13
TOLUENE	UG/L		D584	SP1*CHECK*1	12/26/88	4.55	6.02	132 *	76-125	13	13
TOLUENE	UG/L		D635	SP1*CHECK*1	02/02/89	4.55	4.74	104	76-125	13	13
TOLUENE	UG/L			SP1*H SPK*1		1.82	1.87	103	76-125	13	13
TOLUENE	UG/L		D661	SP1*CHECK*1	02/13/89	4.55	4.88	107	76-125	13	13
TOLUENE	UG/L			SP2*METHOD*1		1.82	1.94	107	76-125	13	13
CHLOROBENZENE	UG/L	34301*PI	D532	SP1*CROSSCHK*1	12/06/88	9.10	7.52	82.6	75-130	13	13
CHLOROBENZENE	UG/L		D584	SP1*CHECK*1	12/26/88	9.10	10.0	110	75-130	13	13
CHLOROBENZENE	UG/L		D635	SP1*CHECK*1	02/02/89	9.10	9.22	101	75-130	13	13
CHLOROBENZENE	UG/L			SP1*H SPK*1		1.82	1.86	102	75-130	13	13
CHLOROBENZENE	UG/L		D661	SP1*CHECK*1	02/13/89	9.10	9.33	103	75-130	13	13
CHLOROBENZENE	UG/L			SP2*METHOD*1		1.82	1.95	107	75-130	13	13
1,1-DICHLOROETHYLENE	UG/L	34501*HA	D532	SP1*CROSSCHK*1	12/06/88	4.55	3.17	69.7	61-145	14	14
1,1-DICHLOROETHYLENE	UG/L		D584	SP1*CHECK*1	12/26/88	4.55	5.71	125 *	61-145	14	14
1,1-DICHLOROETHYLENE	UG/L		D635	SP1*CHECK*1	02/02/89	4.55	4.50	98.9	61-145	14	14
1,1-DICHLOROETHYLENE	UG/L			SP1*H SPK*1		1.82	1.91	105	61-145	14	14
1,1-DICHLOROETHYLENE	UG/L		D661	SP1*CHECK*1	02/13/89	4.55	4.57	100	61-145	14	14
1,1-DICHLOROETHYLENE	UG/L			SP2*METHOD*1		1.82	1.59	87.4	61-145	14	14
TRICHLOROETHENE	UG/L	39180*HA	D532	SP1*CROSSCHK*1	12/06/88	4.55	4.07	89.5	71-120	14	14
TRICHLOROETHENE	UG/L		D584	SP1*CHECK*1	12/26/88	4.55	5.15	113*	71-120	14	14
TRICHLOROETHENE	UG/L		D635	SP1*CHECK*1	02/02/89	4.55	4.25	93.4	71-120	14	14
TRICHLOROETHENE	UG/L			SP1*H SPK*1		1.82	1.61	88.5	71-120	14	14
TRICHLOROETHENE	UG/L		D661	SP1*CHECK*1	02/13/89	4.55	4.95	109	71-120	14	14
TRICHLOROETHENE	UG/L			SP2*METHOD*1		1.82	1.76	96.7	71-120	14	14

* High recoveries across the board indicate possible problem with dilution of check standard into 44-mL vial., i.e. --too much analyte spiked into water
 --H₂O volume too low (bubble in water)
 --possibly a smaller vial was used...
 41 or 42-mL rather than 44-mL.

Since all samples in this batch were less than D.L., reanalysis was not performed.

Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.
BENZENE	UG/L	34030*PI	D532	SPM*P78-W*2	12/06/88	1.82	1.73	95.0	50.5-152.50.0			11
BENZENE	UG/L		D584	SPM1*P78-W*9	12/26/88	4.55	6.68	147 *	50.5-152.50.0			11
BENZENE	UG/L			SPM2*P78-W*9		4.55	5.65	124	50.5-152.50.0	17.0		11
TOLUENE	UG/L	34010*PI	D532	SPM*P78-W*2	12/06/88	1.82	1.71	94.3	76-125 0.25			13
TOLUENE	UG/L		D584	SPM1*P78-W*9	12/26/88	4.55	6.67	146 *	76-125 0.0			13
TOLUENE	UG/L			SPM2*P78-W*9		4.55	5.76	127	76-125 0.0	14.6		13
CHLOROBENZENE	UG/L	34301*PI	D532	SPM*P78-W*2	12/06/88	1.82	1.67	92.0	75-130 0.0			13
CHLOROBENZENE	UG/L		D584	SPM1*P78-W*9	12/26/88	4.55	6.76	149	75-130 0.0			13
CHLOROBENZENE	UG/L			SPM2*P78-W*9		4.55	5.78	127	75-130 0.0	15.9		13
1,1-DICHLOROETHYLENE	UG/L	34501*HA	D532	SPM*P78-W*2	12/06/88	1.82	1.58	87.0	61-145 0.688			14
1,1-DICHLOROETHYLENE	UG/L		D584	SPM1*P78-W*9	12/26/88	4.55	6.71	148*	61-145 0.036			14
1,1-DICHLOROETHYLENE	UG/L			SPM2*P78-W*9		4.55	4.84	106	61-145 0.036	33.1		14
TRICHLOROETHENE	UG/L	39180*HA	D532	SPM*P78-W*2	12/06/88	1.82	1.64	90.5	71-120 0.626			14
TRICHLOROETHENE	UG/L		D584	SPM1*P78-W*9	12/26/88	4.55	5.87	129*	71-120 0.0			14
TRICHLOROETHENE	UG/L			SPM2*P78-W*9		4.55	4.18	91.9	71-120 0.0	33.6		14

* please see explanation pg. 1

STANDARD MATRIX SPIKE RECOVERY AND REPLICATE SUMMARY
WATER, BNA

Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	REC'D CRIT	R.P.D.	R.P.D. CRIT.
ACENAPHTHENE	UG/L	34205*ADMS	D704	SP3*NONE*1	02/11/89	100	91	91	46-118	31	31
ACENAPHTHENE	UG/L		D710	SP1*NONE*1	02/12/89	100	84	84	46-118	31	31
2-CHLOROPHENOL	UG/L	34586*ADMS	D704	SP3*NONE*1	02/11/89	200	180	90	27-123	40	40
2-CHLOROPHENOL	UG/L		D710	SP1*NONE*1	02/12/89	200	160	80	27-123	40	40
1,4-DICHLOROBENZENE	UG/L	34571*ADMS	D704	SP3*NONE*1	02/11/89	100	59	59	36-97	28	28
1,4-DICHLOROBENZENE	UG/L		D710	SP1*NONE*1	02/12/89	100	73	73	36-97	28	28
2,4-DINITROTOLUENE	UG/L	34611*ADMS	D704	SP3*NONE*1	02/11/89	100	81	81	24-96	38	38
2,4-DINITROTOLUENE	UG/L		D710	SP1*NONE*1	02/12/89	100	120	120	24-96	38	38
4-NITROPHENOL	UG/L	34646*ADMS	D704	SP3*NONE*1	02/11/89	200	93	47	10-80	50	50
4-NITROPHENOL	UG/L		D710	SP1*NONE*1	02/12/89	200	160	80	10-80	50	50
N-NITROSODI-N-PROPYLAMINE	UG/L	34428*ADMS	D704	SP3*NONE*1	02/11/89	100	71	71	41-116	38	38
N-NITROSODI-N-PROPYLAMINE	UG/L		D710	SP1*NONE*1	02/12/89	100	100	100	41-116	38	38
PENTACHLOROPHENOL	UG/L	39032*ADMS	D704	SP3*NONE*1	02/11/89	200	190	95	9-103	50	50
PENTACHLOROPHENOL	UG/L		D710	SP1*NONE*1	02/12/89	200	220	110	9-103	50	50
PHENOL	UG/L	34694*ADMS	D704	SP3*NONE*1	02/11/89	200	120	60	11.5-88.5	42	42
PHENOL	UG/L		D710	SP1*NONE*1	02/12/89	200	110	55	11.5-88.5	42	42
PYRENE	UG/L	34469*ADMS	D704	SP3*NONE*1	02/11/89	100	97	97	26-127	31	31
PYRENE	UG/L		D710	SP1*NONE*1	02/12/89	100	96	96	26-127	31	31
1,2,4-TRICH' BENZENE	UG/L	34551*ADMS	D704	SP3*NONE*1	02/11/89	100	64	64	39-98	28	28
1,2,4-TRICH' BENZENE	UG/L		D710	SP1*NONE*1	02/12/89	100	74	74	39-98	28	28
4-CHLORO-3-METHYL	UG/L	34452*ADMS	D704	SP3*NONE*1	02/11/89	200	170	85	23-97	42	42
4-CHLORO-3-METHYL	UG/L		D710	SP1*NONE*1	02/12/89	200	230	120	23-97	42	42

NOTE: Five samples were received for this analysis, two rinse water blanks, and three samples. Not enough sample was received by the laboratory to generate Matrix Spike/Matrix Spike Duplicate QC samples.

STANDARD MATRIX SPIKE RECOVERY AND REPLICATE SUMMARY
SOILS, TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	R.P.D.	R.P.D. CRIT.
HYDROCARBONS, PETROL	MG/KG-DRY	98233*AD	D523	SP1*NONE*37	12/06/88	433	415	95.8	70.2-124.8	20	20
HYDROCARBONS, PETROL	MG/KG-DRY		D538	SP1*NONE*38	12/09/88	433	378	87.3	70.2-124.8	20	20
HYDROCARBONS, PETROL	MG/KG-DRY		D548	SP1*NONE*40	12/13/88	433	349	80.6	70.2-124.8	20	20
HYDROCARBONS, PETROL	MG/KG-DRY		D552	SP1*NONE*41	12/15/88	433	341	78.8	70.2-124.8	20	20
HYDROCARBONS, PETROL	MG/KG-DRY		D562	SP1*NONE*42	12/23/88	433	422	97.5	70.2-124.8	20	20
HYDROCARBONS, PETROL	MG/KG-DRY		D610	SP1*NONE*49	01/27/89	433	276	63.7	70.2-124.8	20	20

Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.
HYDROCARBONS, PETROL	MG/KG-DRY	98233*AD	D523	SPM1*P78-S*1	12/06/88	611	546	89.4	70.2-124.8	0.0		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P78-S*1		586	474	80.9	70.2-124.8	0.0	9.98	
HYDROCARBONS, PETROL	MG/KG-DRY		D538	SPM1*P78-S*3	12/09/88	506	503	99.4	70.2-124.8	0.0		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P78-S*3		482	487	101	70.2-124.8	0.0	1.60	
HYDROCARBONS, PETROL	MG/KG-DRY		D548	SPM1*P78-S*10	12/13/88	554	458	82.7	70.2-124.8	0.0		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P78-S*10		478	396	82.7	70.2-124.8	0.0	0.0	
HYDROCARBONS, PETROL	MG/KG-DRY		D552	SPM1*P78-S*14	12/15/88	535	389	72.8	70.2-124.8	0.0		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P78-S*14		504	425	84.3	70.2-124.8	0.0	14.8	
HYDROCARBONS, PETROL	MG/KG-DRY		D562	SPM1*P78-S*24	12/23/88	558	563	101	70.2-124.8	14.0		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P78-S*24		558	548	98.2	70.2-124.8	14.0	2.81	
HYDROCARBONS, PETROL	MG/KG-DRY		D610	SPM1*P78-S*57	01/27/89	559	478	85.6	70.2-124.8	4.73		
HYDROCARBONS, PETROL	MG/KG-DRY			SPM2*P78-S*57		530	455	86.0	70.2-124.8	4.73	0.466	

STANDARD MATRIX SPIKE RECOVERY AND REPLICATE SUMMARY
SOIL LEACHATES, TCLP

04/11/89

Hunter/ESE, INC.

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Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	R.P.D.	R.P.D. CRIT.
MERCURY, TOTAL	MG/L	97531*ADCV	D660	SP1*FBK*1	02/10/89	0.003	0.003	100	75-125	25	25
ARSENIC, TOTAL	MG/L	97532*ADGF	D651	SP1*NONE*1		0.0500	0.0498	99.6	75-125	25	25
SELENIUM, TOTAL	MG/L	97534*ADGF		SP1*NONE*1		0.0500	0.0427	85.4	75-125	25	25

Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.
MERCURY, TOTAL	MG/L	97531*ADCV	D660	SPM1*P78-G-S*100	02/10/89	0.003	0.003	105	75-125	-0.00004	3.4	25
MERCURY, TOTAL	MG/L			SPM2*P78-G-S*100		0.003	0.002	97.6	75-125	-0.00004		
ARSENIC, TOTAL	MG/L	97532*ADGF	D651	SPM1*P78-G-S*5		0.0500	0.0469	93.9	75-125	0.0044	0.107	25
ARSENIC, TOTAL	MG/L			SPM2*P78-G-S*5		0.0500	0.0469	93.9	75-125	0.0044		
SELENIUM, TOTAL	MG/L	97534*ADGF		SPM1*P78-G-S*5		0.0500	0.0481	96.2	75-125	0.0	5.85	25
SELENIUM, TOTAL	MG/L			SPM2*P78-G-S*5		0.0500	0.0508	102	75-125	0.0		
BARIUM, TOTAL	MG/L	97516*ALCP	G4499	SPM1*P78-G-S*1	01/25/89	2.00	1.92	96.2	75-125	0.906	0.311	25
BARIUM, TOTAL	MG/L			SPM2*P78-G-S*1		2.00	1.93	96.5	75-125	0.906		
BARIUM, TOTAL	MG/L	G4935		SPM1*P78-G-S*5	02/20/89	2.00	1.81	90.4	75-125	0.510	0.771	25
BARIUM, TOTAL	MG/L			SPM2*P78-G-S*5		2.00	1.82	91.2	75-125	0.510		
CADMIUM, TOTAL	MG/L	97519*ALCP	G4499	SPM1*P78-G-S*1	01/25/89	0.0500	0.0458	91.6	75-125	0.0070	2.88	25
CADMIUM, TOTAL	MG/L			SPM2*P78-G-S*1		0.0500	0.0445	89.0	75-125	0.0070		
CADMIUM, TOTAL	MG/L	G4935		SPM1*P78-G-S*5	02/20/89	0.0500	0.0420	84.0	75-125	0.0105	2.82	25
CADMIUM, TOTAL	MG/L			SPM2*P78-G-S*5		0.0500	0.0432	86.4	75-125	0.0105		
CHROMIUM, TOTAL	MG/L	97521*ALCP	G4499	SPM1*P78-G-S*1	01/25/89	0.200	0.183	91.4	75-125	0.0053	0.769	25
CHROMIUM, TOTAL	MG/L			SPM2*P78-G-S*1		0.200	0.182	90.7	75-125	0.0053		
CHROMIUM, TOTAL	MG/L	G4935		SPM1*P78-G-S*5	02/20/89	0.200	0.173	86.4	75-125	0.0005	0.116	25
CHROMIUM, TOTAL	MG/L			SPM2*P78-G-S*5		0.200	0.173	86.2	75-125	0.0005		
SILVER, TOTAL	MG/L	97528*ALCP	G4499	SPM1*P78-G-S*1	01/25/89	0.0500	0.0408	81.6	75-125	0.0	4.32	25
SILVER, TOTAL	MG/L			SPM2*P78-G-S*1		0.0500	0.0426	85.2	75-125	0.0		
SILVER, TOTAL	MG/L	G4935		SPM1*P78-G-S*5	02/20/89	0.0500	0.0444	88.8	75-125	0.0	0.897	25
SILVER, TOTAL	MG/L			SPM2*P78-G-S*5		0.0500	0.0448	89.6	75-125	0.0		
LEAD, TOTAL	MG/L	97633*ALCP	G4499	SPM1*P78-G-S*1	01/25/89	0.500	0.429	85.7	75-125	0.0	0.117	25
LEAD, TOTAL	MG/L			SPM2*P78-G-S*1		0.500	0.429	85.7	75-125	0.0		
LEAD, TOTAL	MG/L	G4935		SPM1*P78-G-S*5	02/20/89	0.500	0.423	84.7	75-125	0.0	1.64	25
LEAD, TOTAL	MG/L			SPM2*P78-G-S*5		0.500	0.430	86.0	75-125	0.0		

STANDARD MATRIX SPIKE RECOVERY SUMMARY
SOILS, BNA

04/10/89

Hunter/ESE, INC.

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Standard Matrix Spike Recovery and Replicate Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%REC	REC'D CRIT	R.P.D.	R.P.D. CRIT.
ACENAPHTHENE, SOIL	MG/KG-DRY	99450*ADMS	D705	SPI*P78-S*64	02/12/89	6.7	3.6	54	31-137	19	19
ACENAPHTHENE, SOIL	MG/KG-DRY		D711	SP*NONE*1	01/25/89	6.7	5.5	82	31-137	19	
2-CHLOROPHENOL	MG/KG-DRY	99497*ADMS	D705	SPI*P78-S*64	02/12/89	13	5.1	39	25-102	50	50
2-CHLOROPHENOL	MG/KG-DRY		D711	SP*NONE*1	01/25/89	13	11	85	25-102	50	50
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY	99683*ADMS	D705	SPI*P78-S*64	02/12/89	13	7.3	56	26-103	33	33
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY		D711	SP*NONE*1	01/25/89	13	14	110	26-103	33	33
1,4-DICHLOROBENZENE	MG/KG-DRY	99469*ADMS	D705	SPI*P78-S*64	02/12/89	6.7	3.1	46	28-104	27	27
1,4-DICHLOROBENZENE	MG/KG-DRY		D711	SP*NONE*1	01/25/89	6.7	5.3	79	28-104	27	27
2,4-DINITROTOLUENE	MG/KG-DRY	99474*ADMS	D705	SPI*P78-S*64	02/12/89	6.7	3.4	51	28-89	47	47
2,4-DINITROTOLUENE	MG/KG-DRY		D711	SP*NONE*1	01/25/89	6.7	5.6	84	28-89	47	47
4-NITROPHENOL	MG/KG-DRY	99496*ADMS	D705	SPI*P78-S*64	02/12/89	13	5.1	39	11-114	50	50
4-NITROPHENOL	MG/KG-DRY		D711	SP*NONE*1	01/25/89	13	13	100	11-114	50	50
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY	99487*ADMS	D705	SPI*P78-S*64	02/12/89	6.7	3.5	52	41-126	38	38
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY		D711	SP*NONE*1	01/25/89	6.7	0.94	14	41-126	38	38
PENTACHLOROPHENOL	MG/KG-DRY	99682*ADMS	D705	SPI*P78-S*64	02/12/89	13	6.0	46	17-109	47	47
PENTACHLOROPHENOL	MG/KG-DRY		D711	SP*NONE*1	01/25/89	13	14	110	17-109	47	47
PHENOL	MG/KG-DRY	99685*ADMS	D705	SPI*P78-S*64	02/12/89	13	5.7	44	26-190	35	35
PHENOL	MG/KG-DRY		D711	SP*NONE*1	01/25/89	13	2.3	18	26-190	35	35
PYRENE	MG/KG-DRY	99490*ADMS	D705	SPI*P78-S*64	02/12/89	6.7	5.4	81	35-142	36	36
PYRENE	MG/KG-DRY		D711	SP*NONE*1	01/25/89	6.7	9.3	140	35-142	36	36
1,2,4-TRICHLOROBENZENE	MG/KG-DRY	99492*ADMS	D705	SPI*P78-S*64	02/12/89	6.7	3.5	52	38-107	23	23
1,2,4-TRICHLOROBENZENE	MG/KG-DRY		D711	SP*NONE*1	01/25/89	6.7	6.2	93	38-107	23	23

Sample Matrix Spike Recovery Summary

NAME	UNITS	STOR METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT	UNSPIKED	R.P.D.	R.P.D. CRIT.
ACENAPHTHENE, SOIL	MG/KG-DRY	99450*ADMS	D711	SPM1*P78-S*59	01/25/89	6.7	6.4	96	31-137	0.0	19	19
ACENAPHTHENE, SOIL	MG/KG-DRY			SPM2*P78-S*59		6.7	6.7	100	31-137	0.0	4.1	19
2-CHLOROPHENOL	MG/KG-DRY	99497*ADMS		SPM1*P78-S*59		13	11	84	25-102	0.0	50	50
2-CHLOROPHENOL	MG/KG-DRY			SPM2*P78-S*59		13	11	86	25-102	0.0	1.2	50
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY	99683*ADMS		SPM1*P78-S*59		13	15	110	26-103	0.0	33	33
4-CHLORO-3-METHYLPHENOL	MG/KG-DRY			SPM2*P78-S*59		13	16	120	26-103	0.0	0.0	33
1,4-DICHLOROBENZENE	MG/KG-DRY	99469*ADMS		SPM1*P78-S*59		6.7	4.7	71	28-104	0.0	27	27
1,4-DICHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*59		6.7	5.5	83	28-104	0.0	17	27
2,4-DINITROTOLUENE	MG/KG-DRY	99474*ADMS		SPM1*P78-S*59		6.7	6.9	100	28-89	0.0	47	47
2,4-DINITROTOLUENE	MG/KG-DRY			SPM2*P78-S*59		6.7	6.9	100	28-89	0.0	0.0	47
4-NITROPHENOL	MG/KG-DRY	99496*ADMS		SPM1*P78-S*59		13	17	130	11-114	0.0	50	50
4-NITROPHENOL	MG/KG-DRY			SPM2*P78-S*59		13	17	130	11-114	0.0	0.0	50
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY	99487*ADMS		SPM1*P78-S*59		6.7	7.9	120	41-126	0.0	38	38
N-NITROSODI-N-PROPYLAMINE	MG/KG-DRY			SPM2*P78-S*59		6.7	6.8	100	41-126	0.0	18	38
PENTACHLOROPHENOL	MG/KG-DRY	99682*ADMS		SPM1*P78-S*59		13	16	120	17-109	0.0	47	47
PENTACHLOROPHENOL	MG/KG-DRY			SPM2*P78-S*59		13	17	130	17-109	0.0	8.0	47
PHENOL	MG/KG-DRY	99685*ADMS		SPM1*P78-S*59		13	14	100	26-190	0.0	35	35
PHENOL	MG/KG-DRY			SPM2*P78-S*59		13	14	100	26-190	0.0	9.5	35
PYRENE	MG/KG-DRY	99490*ADMS		SPM1*P78-S*59		6.7	11	160	35-142	0.0	36	36
PYRENE	MG/KG-DRY			SPM2*P78-S*59		6.7	10	150	35-142	0.0	6.5	36
1,2,4-TRICHLOROBENZENE	MG/KG-DRY	99492*ADMS		SPM1*P78-S*59		6.7	5.7	85	38-107	0.0	23	23
1,2,4-TRICHLOROBENZENE	MG/KG-DRY			SPM2*P78-S*59		6.7	0.0	0.0	38-107	0.0	200	23

SURROGATE SPIKE RECOVERY SUMMARY

Surrogate Spike Recovery Summary

NAME	UNITS	STOR METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%REC	RECV CRIT
1,2-DICHLOROETHANE-D4	UG/L	98053*ADMS	D671	SUR*MB*EXTRBLK*1	01/13/89	50	47	94	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*SPM1*EXTRBLK*1	01/16/89	50	45	90	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*SPM2*EXTRBLK*1		50	46	92	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*EXTRBLK*1	01/13/89	50	47	94	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*1	01/16/89	50	49	98	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*2		50	48	96	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*3		50	47	94	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*4		50	46	92	85-115
1,2-DICHLOROETHANE-D4	UG/L	D700		SUR*MB*P78-G-S*100	02/02/89	50	48	96	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*SPM1*P78-G-S*100		50	45	90	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*SPM2*P78-G-S*100		50	44	88	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*100		50	46	92	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*5		50	49	98	85-115
1,2-DICHLOROETHANE-D4	UG/L	D702		SUR*MB*P78-G-S*9	02/09/89	50	47	94	85-115
1,2-DICHLOROETHANE-D4	UG/L			SUR*P78-G-S*9		50	48	96	85-115
TOLUENE-D(8)	UG/L	98810*ADMS	D671	SUR*MB*EXTRBLK*1	01/13/89	50	48	96	88-110
TOLUENE-D(8)	UG/L			SUR*SPM1*EXTRBLK*1	01/16/89	50	47	94	88-110
TOLUENE-D(8)	UG/L			SUR*SPM2*EXTRBLK*1		50	48	96	88-110
TOLUENE-D(8)	UG/L			SUR*EXTRBLK*1	01/13/89	50	48	96	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*1	01/16/89	50	47	94	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*2		50	48	96	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*3		50	46	92	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*4		50	45	90	88-110
TOLUENE-D(8)	UG/L	D700		SUR*MB*P78-G-S*100	02/02/89	50	50	100	88-110
TOLUENE-D(8)	UG/L			SUR*SPM1*P78-G-S*100		50	49	98	88-110
TOLUENE-D(8)	UG/L			SUR*SPM2*P78-G-S*100		50	50	100	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*100		50	49	98	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*5		50	53	110	88-110
TOLUENE-D(8)	UG/L	D702		SUR*MB*P78-G-S*9	02/09/89	50	48	96	88-110
TOLUENE-D(8)	UG/L			SUR*P78-G-S*9		50	47	94	88-110
BROMOFUOROENZENE	UG/L	98315*ADMS	D671	SUR*MB*EXTRBLK*1	01/13/89	50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*SPM1*EXTRBLK*1	01/16/89	50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*SPM2*EXTRBLK*1		50	50	100	86-115
BROMOFUOROENZENE	UG/L			SUR*EXTRBLK*1	01/13/89	50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*1	01/16/89	50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*2		50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*3		50	50	100	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*4		50	50	100	86-115
BROMOFUOROENZENE	UG/L	D700		SUR*MB*P78-G-S*100	02/02/89	50	52	100	86-115
BROMOFUOROENZENE	UG/L			SUR*SPM1*P78-G-S*100		50	51	100	86-115
BROMOFUOROENZENE	UG/L			SUR*SPM2*P78-G-S*100		50	50	100	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*100		50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*5		50	53	110	86-115
BROMOFUOROENZENE	UG/L	D702		SUR*MB*P78-G-S*9	02/09/89	50	49	98	86-115
BROMOFUOROENZENE	UG/L			SUR*P78-G-S*9		50	48	96	86-115

Surrogate Spike Recovery Summary

NAME	UNITS	STOR*ETH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT
2-FLUOROPHENOL	UG/G-DRY	97024*ADMS	D705	SUR*MB*P78-S*64	02/12/89	13	4.2	32	25-121
2-FLUOROPHENOL	UG/G-DRY			SUR*SP1*P78-S*64		13	4.4	34	25-121
2-FLUOROPHENOL	UG/G-DRY			SUR*P78-S*64	02/13/89	13	4.2	32	25-121
2-FLUOROPHENOL	UG/G-DRY			SUR*P78-S*65		13	2.8	22	25-121
2-FLUOROPHENOL	UG/G-DRY			SUR*P78-S*66		13	4.1	32	25-121
2-FLUOROPHENOL	UG/G-DRY			SUR*P78-S*86		13	4.2	32	25-121
PHENOL-D(5)	UG/G-DRY	97023*ADMS		SUR*MB*P78-S*64	02/12/89	13	5.4	42	24-113
PHENOL-D(5)	UG/G-DRY			SUR*SP1*P78-S*64		13	5.4	42	24-113
PHENOL-D(5)	UG/G-DRY			SUR*P78-S*64	02/13/89	13	4.8	37	24-113
PHENOL-D(5)	UG/G-DRY			SUR*P78-S*65		13	4.6	35	24-113
PHENOL-D(5)	UG/G-DRY			SUR*P78-S*66		13	4.7	36	24-113
PHENOL-D(5)	UG/G-DRY			SUR*P78-S*86		13	4.3	33	24-113
NITROBENZENE-D(5)	UG/G-DRY	97022*ADMS		SUR*MB*P78-S*64	02/12/89	6.7	2.7	40	23-120
NITROBENZENE-D(5)	UG/G-DRY			SUR*SP1*P78-S*64		6.7	2.8	42	23-120
NITROBENZENE-D(5)	UG/G-DRY			SUR*P78-S*64	02/13/89	6.7	2.7	40	23-120
NITROBENZENE-D(5)	UG/G-DRY			SUR*P78-S*65		6.7	2.5	37	23-120
NITROBENZENE-D(5)	UG/G-DRY			SUR*P78-S*66		6.7	2.6	39	23-120
NITROBENZENE-D(5)	UG/G-DRY			SUR*P78-S*86		6.7	2.5	37	23-120
2-FLUOROBIPHENYL	UG/G-DRY	98814*ADMS		SUR*MB*P78-S*64	02/12/89	6.7	3.3	49	30-115
2-FLUOROBIPHENYL	UG/G-DRY			SUR*SP1*P78-S*64		6.7	3.1	46	30-115
2-FLUOROBIPHENYL	UG/G-DRY			SUR*P78-S*64	02/13/89	6.7	3.2	48	30-115
2-FLUOROBIPHENYL	UG/G-DRY			SUR*P78-S*65		6.7	3.1	46	30-115
2-FLUOROBIPHENYL	UG/G-DRY			SUR*P78-S*66		6.7	3.1	46	30-115
2-FLUOROBIPHENYL	UG/G-DRY			SUR*P78-S*86		6.7	2.8	42	30-115
2,4,6-TRIBROMOPHENOL	UG/KG	97448*ADMS		SUR*MB*P78-S*64	02/12/89	13	5.3	41	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*SP1*P78-S*64		13	5.9	45	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*64	02/13/89	13	4.6	35	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*65		13	4.1	32	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*66		13	4.4	34	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*86		13	4.5	35	19-122
2,4,6-TRIBROMOPHENOL	UG/KG	D711		SUR*MB*NONE*1	01/25/89	13	16	120	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*SP1*P78-S*59		13	15	120	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*SP2*P78-S*59		13	15	120	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*57		13	15	120	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*58		13	15	120	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*59		13	15	120	19-122
2,4,6-TRIBROMOPHENOL	UG/KG			SUR*P78-S*60		13	16	120	19-122
TERPHENYL-(D14)	UG/KG	97449*ADMS	D705	SUR*MB*P78-S*64	02/12/89	6.7	3.8	57	18-137
TERPHENYL-(D14)	UG/KG			SUR*SP1*P78-S*64		6.7	4.1	61	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*64	02/13/89	6.7	3.2	48	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*65		6.7	2.7	40	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*66		6.7	3.2	48	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*86		6.7	2.6	39	18-137
TERPHENYL-(D14)	UG/KG	D711		SUR*MB*NONE*1	01/25/89	6.7	9.1	*140	18-137
TERPHENYL-(D14)	UG/KG			SUR*SP1*P78-S*59		6.7	8.4	130	18-137
TERPHENYL-(D14)	UG/KG			SUR*SP2*P78-S*59		6.7	8.6	130	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*57		6.7	9.1	*140	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*58		6.7	9.1	*140	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*59		6.7	9.0	130	18-137
TERPHENYL-(D14)	UG/KG			SUR*P78-S*60		6.7	8.9	130	18-137

*- Note: All sample recoveries were below 137% recovery. Reduction of significant figures has caused the appearance of exceeding acceptance criteria.

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Surrogate Spike Recovery Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	TARGET	FOUND	%RECV	RECV CRIT
2-FLUOROPHENOL	UG/L	98316*ADMS	D704	SUR*SP3*NONE*1	02/11/89	100	79	79	21-100
2-FLUOROPHENOL	UG/L			SUR*SP3*NONE*1		100	110	110	21-100
2-FLUOROPHENOL	UG/L			SUR*P78-W*22	02/13/89	100	0.79	* 0.79	21-100
2-FLUOROPHENOL	UG/L			SUR*P78-RWB*2	02/11/89	100	87	87	21-100
2-FLUOROPHENOL	UG/L		D710	SUR*MB*NONE*1		100	73	73	21-100
2-FLUOROPHENOL	UG/L			SUR*SP1*NONE*1	02/13/89	100	65	65	21-100
2-FLUOROPHENOL	UG/L			SUR*P78-W*23	02/12/89	100	61	61	21-100
2-FLUOROPHENOL	UG/L			SUR*P78-W*24		100	67	67	21-100
2-FLUOROPHENOL	UG/L			SUR*P78-RWB*3		100	65	65	21-100
2-FLUOROPHENOL	UG/L	98317*ADMS	D704	SUR*MB*NONE*1	02/11/89	100	69	69	10-94
PHENOL-D(5)	UG/L			SUR*SP3*NONE*1		100	85	85	10-94
PHENOL-D(5)	UG/L			SUR*P78-W*22	02/13/89	100	0.0	* 0.0	10-94
PHENOL-D(5)	UG/L			SUR*P78-RWB*2	02/11/89	100	68	68	10-94
PHENOL-D(5)	UG/L		D710	SUR*MB*NONE*1		100	66	66	10-94
PHENOL-D(5)	UG/L			SUR*SP1*NONE*1	02/13/89	100	66	66	10-94
PHENOL-D(5)	UG/L			SUR*P78-W*23	02/12/89	100	66	66	10-94
PHENOL-D(5)	UG/L			SUR*P78-W*24		100	58	58	10-94
PHENOL-D(5)	UG/L			SUR*P78-RWB*3		100	62	62	10-94
NI TROBENZENE-D(5)	UG/L	98318*ADMS	D704	SUR*MB*NONE*1	02/11/89	50	43	86	35-114
NI TROBENZENE-D(5)	UG/L			SUR*SP3*NONE*1		50	55	110	35-114
NI TROBENZENE-D(5)	UG/L			SUR*P78-W*22	02/13/89	50	45	90	35-114
NI TROBENZENE-D(5)	UG/L			SUR*P78-RWB*2	02/11/89	50	41	82	35-114
NI TROBENZENE-D(5)	UG/L		D710	SUR*MB*NONE*1		50	44	88	35-114
NI TROBENZENE-D(5)	UG/L			SUR*SP1*NONE*1	02/13/89	50	41	82	35-114
NI TROBENZENE-D(5)	UG/L			SUR*P78-W*23	02/12/89	50	42	84	35-114
NI TROBENZENE-D(5)	UG/L			SUR*P78-W*24		50	42	84	35-114
NI TROBENZENE-D(5)	UG/L			SUR*P78-RWB*3		50	43	86	35-114
2-FLUOROBIPHENYL	UG/L	98321*ADMS	D704	SUR*MB*NONE*1	02/11/89	50	46	92	43-116
2-FLUOROBIPHENYL	UG/L			SUR*SP3*NONE*1		50	57	110	43-116
2-FLUOROBIPHENYL	UG/L			SUR*P78-W*22	02/13/89	50	39	78	43-116
2-FLUOROBIPHENYL	UG/L			SUR*P78-RWB*2	02/11/89	50	46	92	43-116
2-FLUOROBIPHENYL	UG/L		D710	SUR*MB*NONE*1		50	45	90	43-116
2-FLUOROBIPHENYL	UG/L			SUR*SP1*NONE*1	02/13/89	50	39	78	43-116
2-FLUOROBIPHENYL	UG/L			SUR*P78-W*23	02/12/89	50	45	90	43-116
2-FLUOROBIPHENYL	UG/L			SUR*P78-W*24		50	46	92	43-116
2-FLUOROBIPHENYL	UG/L			SUR*P78-RWB*3		50	48	96	43-116
2,4,6-TRIBROMOPHENOL	UG/L	97446*ADMS	D704	SUR*MB*NONE*1	02/11/89	100	86	86	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*SP3*NONE*1		100	110	110	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*P78-W*22	02/13/89	100	17	* 17	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*P78-RWB*2	02/11/89	100	80	80	10-123
2,4,6-TRIBROMOPHENOL	UG/L		D710	SUR*MB*NONE*1		100	77	77	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*SP1*NONE*1	02/13/89	100	120	120	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*P78-W*23	02/12/89	100	80	80	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*P78-W*24		100	69	69	10-123
2,4,6-TRIBROMOPHENOL	UG/L			SUR*P78-RWB*3		100	83	83	10-123
TERPHENYL-(D14)	UG/L	97447*ADMS	D704	SUR*MB*NONE*1	02/11/89	50	48	96	33-141
TERPHENYL-(D14)	UG/L			SUR*SP3*NONE*1		50	56	110	33-141
TERPHENYL-(D14)	UG/L			SUR*P78-W*22	02/13/89	50	56	110	33-141
TERPHENYL-(D14)	UG/L			SUR*P78-RWB*2	02/11/89	50	47	94	33-141
TERPHENYL-(D14)	UG/L		D710	SUR*MB*NONE*1		50	51	100	33-141
TERPHENYL-(D14)	UG/L			SUR*SP1*NONE*1	02/13/89	50	50	100	33-141
TERPHENYL-(D14)	UG/L			SUR*P78-W*23	02/12/89	50	48	96	33-141
TERPHENYL-(D14)	UG/L			SUR*P78-W*24		50	46	92	33-141
TERPHENYL-(D14)	UG/L			SUR*P78-RWB*3		50	48	96	33-141

* - Note: Sample was reanalyzed and gave same recoveries. Other samples and spikes were acceptable, therefore a sample matrix problem is suspected, which cannot be corrected for by the laboratory.

METHOD BLANK SUMMARY
SOILS

Method Blank Sample Summary

NAME	UNITS	STOR**METH	BATCH	SAMPLE	DATE	FOUND
BROMOBENZENE	MG/KG-DRY	97036*ADP I	D607	MB*F INAL*1	01/23/89	0.0
BROMOBENZENE	MG/KG-DRY			MB*P78-S*1		0.0
BROMOBENZENE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
BROMOBENZENE	MG/KG-DRY			MB*P78-S*1		0.0
XYLENES, TOTAL	MG/KG-DRY	45510*ADP I	D539	MB*NONE*1	12/07/88	0.0
XYLENES, TOTAL	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
XYLENES, TOTAL	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
XYLENES, TOTAL	MG/KG-DRY			MB*P78-S*1		0.443
XYLENES, TOTAL	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
XYLENES, TOTAL	MG/KG-DRY			MB*P78-S*1		1.13
XYLENES, TOTAL	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
XYLENES, TOTAL	MG/KG-DRY			MB*P78-S*1		0.0
XYLENES, TOTAL	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
XYLENES, TOTAL	MG/KG-DRY			MB*P78-S*1		0.0
XYLENES, TOTAL	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
XYLENES, TOTAL	MG/KG-DRY			MB*P78-S*1		0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY	98578*ADP I	D539	MB*NONE*1	12/07/88	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY			MB*P78-S*1		0.323
DICHLOROBENZENE, TOT.	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY			MB*P78-S*1		0.429
DICHLOROBENZENE, TOT.	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY			MB*P78-S*1		0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY			MB*P78-S*1		0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
DICHLOROBENZENE, TOT.	MG/KG-DRY			MB*P78-S*1		0.0
METHYLCHLORIDE	MG/KG-DRY	34421*ADHA	D539	MB*NONE*1	12/07/88	0.0
METHYLCHLORIDE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
METHYLCHLORIDE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
METHYLCHLORIDE	MG/KG-DRY			MB*P78-S*1		0.310
METHYLCHLORIDE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
METHYLCHLORIDE	MG/KG-DRY			MB*P78-S*1		0.096
METHYLCHLORIDE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
METHYLCHLORIDE	MG/KG-DRY			MB*P78-S*1		0.060
METHYLCHLORIDE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
METHYLCHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYLCHLORIDE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
METHYLCHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYL BROMIDE	MG/KG-DRY	34416*ADHA	D539	MB*NONE*1	12/07/88	0.0
METHYL BROMIDE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
METHYL BROMIDE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
METHYL BROMIDE	MG/KG-DRY			MB*P78-S*1		0.37
METHYL BROMIDE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
METHYL BROMIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYL BROMIDE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
METHYL BROMIDE	MG/KG-DRY			MB*P78-S*1		0.16
METHYL BROMIDE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
METHYL BROMIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYL BROMIDE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
METHYL BROMIDE	MG/KG-DRY			MB*P78-S*1		7.4
DICHLORODIFLUOROMETHANE	MG/KG-DRY	34334*ADHA	D539	MB*NONE*1	12/07/88	0.0
DICHLORODIFLUOROMETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
DICHLORODIFLUOROMETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
DICHLORODIFLUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.364

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Method Blank Sample Summary

NAME	UNITS	STORMETH	BATCH	SAMPLE	DATE	FOUND
D1CHLORODIFLUOROMETHANE	MG/KG-DRY	34334*ADHA	D577	MB*F INAL*1	12/22/88	0.0
D1CHLORODIFLUOROMETHANE	MG/KG-DRY			MB*P78-S*1		1.08
D1CHLORODIFLUOROMETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
D1CHLORODIFLUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
D1CHLORODIFLUOROMETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
D1CHLORODIFLUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
D1CHLORODIFLUOROMETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
D1CHLORODIFLUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
V1NYL CHLORIDE	MG/KG-DRY	34495*ADHA	D539	MB*NONE*1	12/07/88	0.0
V1NYL CHLORIDE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
V1NYL CHLORIDE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
V1NYL CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.147
V1NYL CHLORIDE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
V1NYL CHLORIDE	MG/KG-DRY			MB*P78-S*1		1.08
V1NYL CHLORIDE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
V1NYL CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
V1NYL CHLORIDE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
V1NYL CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
V1NYL CHLORIDE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
V1NYL CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROETHANE	MG/KG-DRY	34314*ADHA	D539	MB*NONE*1	12/07/88	0.0
CHLOROETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
CHLOROETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
CHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.259
CHLOROETHANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
CHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
CHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
CHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.093
CHLOROETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
CHLOROETHANE	MG/KG-DRY			MB*P78-S*1		1.06
METHYLENE CHLORIDE	MG/KG-DRY	34426*ADHA	D539	MB*NONE*1	12/07/88	0.0
METHYLENE CHLORIDE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
METHYLENE CHLORIDE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
METHYLENE CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYLENE CHLORIDE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
METHYLENE CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYLENE CHLORIDE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
METHYLENE CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYLENE CHLORIDE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
METHYLENE CHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
METHYLENE CHLORIDE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
METHYLENE CHLORIDE	MG/KG-DRY			MB*P78-S*1		1.16
TRICHLOROFUOROMETHANE	MG/KG-DRY	34491*ADHA	D539	MB*NONE*1	12/07/88	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.096
TRICHLOROFUOROMETHANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY			MB*P78-S*1		1.29
TRICHLOROFUOROMETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.117
TRICHLOROFUOROMETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
TRICHLOROFUOROMETHANE	MG/KG-DRY			MB*P78-S*1		27.1

Method Blank Sample Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	FOUND
1,1-DICHLOROETHANE	MG/KG-DRY	34504*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D549		MB*P78-S*1	12/12/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D561		MB*NONE*561	12/14/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D577		MB*F INAL*1	12/22/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.005
1,1-DICHLOROETHANE	MG/KG-DRY	D581		MB*F INAL*1	12/24/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D607		MB*F INAL*1	01/23/89	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D611		MB*F INAL*1	01/25/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	34499*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D549		MB*P78-S*1	12/12/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D561		MB*NONE*561	12/14/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D577		MB*F INAL*1	12/22/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.031
1,1-DICHLOROETHANE	MG/KG-DRY	D581		MB*F INAL*1	12/24/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D607		MB*F INAL*1	01/23/89	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1-DICHLOROETHANE	MG/KG-DRY	D611		MB*F INAL*1	01/25/88	0.0
1,1-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	34549*ADHA	D539	MB*NONE*1	12/07/88	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	D549		MB*P78-S*1	12/12/88	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	D561		MB*NONE*561	12/14/88	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY			MB*P78-S*1		0.230
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	D577		MB*F INAL*1	12/22/88	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY			MB*P78-S*1		0.357
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	D581		MB*F INAL*1	12/24/88	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY			MB*P78-S*1		0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	D607		MB*F INAL*1	01/23/89	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY			MB*P78-S*1		0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY	D611		MB*F INAL*1	01/25/88	0.0
TRANS-1,2-DICHLOROETHENE	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROFORM	MG/KG-DRY	34318*ADHA	D539	MB*NONE*1	12/07/88	0.0
CHLOROFORM	MG/KG-DRY	D549		MB*P78-S*1	12/12/88	0.0
CHLOROFORM	MG/KG-DRY	D561		MB*NONE*561	12/14/88	0.0
CHLOROFORM	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROFORM	MG/KG-DRY	D577		MB*F INAL*1	12/22/88	0.0
CHLOROFORM	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROFORM	MG/KG-DRY	D581		MB*F INAL*1	12/24/88	0.0
CHLOROFORM	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROFORM	MG/KG-DRY	D607		MB*F INAL*1	01/23/89	0.0
CHLOROFORM	MG/KG-DRY			MB*P78-S*1		0.0
CHLOROFORM	MG/KG-DRY	D611		MB*F INAL*1	01/25/88	0.0
CHLOROFORM	MG/KG-DRY			MB*P78-S*1		0.0
1,2-DICHLOROETHANE	MG/KG-DRY	34534*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,2-DICHLOROETHANE	MG/KG-DRY	D549		MB*P78-S*1	12/12/88	0.0
1,2-DICHLOROETHANE	MG/KG-DRY	D561		MB*NONE*561	12/14/88	0.0
1,2-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.28
1,2-DICHLOROETHANE	MG/KG-DRY	D577		MB*F INAL*1	12/22/88	0.0
1,2-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.17
1,2-DICHLOROETHANE	MG/KG-DRY	D581		MB*F INAL*1	12/24/88	0.0
1,2-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0

Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND
1,2-DICHLOROETHANE	MG/KG-DRY	34534*ADHA	D607	MB*F INAL*1	01/23/89	0.0
1,2-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,2-DICHLOROETHANE	MG/KG-DRY			MB*F INAL*1	01/25/88	0.0
1,2-DICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOETHANE	MG/KG-DRY	78756*ADHA	D539	MB*NONE*1	12/07/88	0.0
DIBROMOETHANE	MG/KG-DRY			MB*P78-S*1	12/12/88	0.0
DIBROMOETHANE	MG/KG-DRY			MB*NONE*561	12/14/88	0.0
DIBROMOETHANE	MG/KG-DRY			MB*P78-S*1		0.480
DIBROMOETHANE	MG/KG-DRY			MB*F INAL*1	12/22/88	0.0
DIBROMOETHANE	MG/KG-DRY			MB*P78-S*1		0.173
DIBROMOETHANE	MG/KG-DRY			MB*F INAL*1	12/24/88	0.0
DIBROMOETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOETHANE	MG/KG-DRY			MB*F INAL*1	01/23/89	0.0
DIBROMOETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOETHANE	MG/KG-DRY			MB*F INAL*1	01/25/88	0.0
DIBROMOETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY	34509*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1	12/12/88	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*NONE*561	12/14/88	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.084
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*F INAL*1	12/22/88	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*F INAL*1	12/24/88	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*F INAL*1	01/23/89	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*F INAL*1	01/25/88	0.0
1,1,1-TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
CARBON TETRACHLORIDE	MG/KG-DRY	34299*ADHA	D539	MB*NONE*1	12/07/88	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*P78-S*1	12/12/88	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*NONE*561	12/14/88	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*F INAL*1	12/22/88	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*P78-S*1		0.044
CARBON TETRACHLORIDE	MG/KG-DRY			MB*F INAL*1	12/24/88	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*F INAL*1	01/23/89	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*F INAL*1	01/25/88	0.0
CARBON TETRACHLORIDE	MG/KG-DRY			MB*P78-S*1		0.0
BROMODICHLOROMETHANE	MG/KG-DRY	34330*ADHA	D539	MB*NONE*1	12/07/88	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*P78-S*1	12/12/88	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*NONE*561	12/14/88	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.229
BROMODICHLOROMETHANE	MG/KG-DRY			MB*F INAL*1	12/22/88	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.011
BROMODICHLOROMETHANE	MG/KG-DRY			MB*F INAL*1	12/24/88	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*F INAL*1	01/23/89	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*F INAL*1	01/25/88	0.0
BROMODICHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,2-DICHLOROPROPANE	MG/KG-DRY	34544*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,2-DICHLOROPROPANE	MG/KG-DRY			MB*P78-S*1	12/12/88	0.0
1,2-DICHLOROPROPANE	MG/KG-DRY			MB*NONE*561	12/14/88	0.0
1,2-DICHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0

N
Method Blank Sample Summary

NAME	UNITS	STOR**METH	BATCH	SAMPLE	DATE	FOUND
1,2,-D-CHLOROPROPANE	MG/KG-DRY	34544*ADHA	D577	MB*F INAL*1	12/22/88	0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
1,2,-D-CHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY	34697*ADHA	D539	MB*NONE*1	12/07/88	0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.317
T-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.609
T-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
T-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
TRICHLOROETHYLENE	MG/KG-DRY	34487*ADHA	D539	MB*NONE*1	12/07/88	0.0
TRICHLOROETHYLENE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
TRICHLOROETHYLENE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
TRICHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TRICHLOROETHYLENE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
TRICHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.067
TRICHLOROETHYLENE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
TRICHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TRICHLOROETHYLENE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
TRICHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TRICHLOROETHYLENE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
TRICHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY	34309*ADHA	D539	MB*NONE*1	12/07/88	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
DIBROMOCHLOROMETHANE	MG/KG-DRY			MB*P78-S*1		0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY	34702*ADHA	D539	MB*NONE*1	12/07/88	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
CIS-1,3-D-CHLOROPROPENE	MG/KG-DRY			MB*P78-S*1		0.0

Method Blank Sample Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	FOUND
1,1,2- TRICHLOROETHANE	MG/KG-DRY	34514*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
1,1,2- TRICHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY	34579*ADHA	D539	MB*NONE*1	12/07/88	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY			MB*P78-S*1		0.006
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY			MB*P78-S*1		0.741
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY			MB*P78-S*1		0.019
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY			MB*P78-S*1		0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
2-CHLOROETHYL VINYL ETHER	MG/KG-DRY			MB*P78-S*1		16.5
BROMOFORM	MG/KG-DRY	34290*ADHA	D539	MB*NONE*1	12/07/88	0.0
BROMOFORM	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
BROMOFORM	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
BROMOFORM	MG/KG-DRY			MB*P78-S*1		0.383
BROMOFORM	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
BROMOFORM	MG/KG-DRY			MB*P78-S*1		0.0
BROMOFORM	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
BROMOFORM	MG/KG-DRY			MB*P78-S*1		0.0
BROMOFORM	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
BROMOFORM	MG/KG-DRY			MB*P78-S*1		0.0
BROMOFORM	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
BROMOFORM	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY	97042*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.383
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
1,1,1,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
TRICHLOROPROPANE	MG/KG-DRY	97043*ADHA	D539	MB*NONE*1	12/07/88	0.0
TRICHLOROPROPANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
TRICHLOROPROPANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
TRICHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.408
TRICHLOROPROPANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
TRICHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.244
TRICHLOROPROPANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
TRICHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0

Method Blank Sample Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	FOUND
TRI CHLOROPROPANE	MG/KG-DRY	97043*ADHA	D607	MB*F INAL*1	01/23/89	0.0
TRI CHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		0.0
TRI CHLOROPROPANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
TRI CHLOROPROPANE	MG/KG-DRY			MB*P78-S*1		1.62
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY	34519*ADHA	D539	MB*NONE*1	12/07/88	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
1,1,2,2-TETRACHLOROETHANE	MG/KG-DRY			MB*P78-S*1		0.0
TETRACHLOROETHYLENE	MG/KG-DRY	34478*ADHA	D539	MB*NONE*1	12/07/88	0.0
TETRACHLOROETHYLENE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
TETRACHLOROETHYLENE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
TETRACHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TETRACHLOROETHYLENE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
TETRACHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TETRACHLOROETHYLENE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
TETRACHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TETRACHLOROETHYLENE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
TETRACHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
TETRACHLOROETHYLENE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
TETRACHLOROETHYLENE	MG/KG-DRY			MB*P78-S*1		0.0
1-CHLOROHEXANE	MG/KG-DRY	97039*ADHA	D539	MB*NONE*1	12/07/88	0.0
1-CHLOROHEXANE	MG/KG-DRY		D549	MB*P78-S*1	12/12/88	0.0
1-CHLOROHEXANE	MG/KG-DRY		D561	MB*NONE*561	12/14/88	0.0
1-CHLOROHEXANE	MG/KG-DRY			MB*P78-S*1		0.0
1-CHLOROHEXANE	MG/KG-DRY		D577	MB*F INAL*1	12/22/88	0.0
1-CHLOROHEXANE	MG/KG-DRY			MB*P78-S*1		0.0
1-CHLOROHEXANE	MG/KG-DRY		D581	MB*F INAL*1	12/24/88	0.0
1-CHLOROHEXANE	MG/KG-DRY			MB*P78-S*1		0.0
1-CHLOROHEXANE	MG/KG-DRY		D607	MB*F INAL*1	01/23/89	0.0
1-CHLOROHEXANE	MG/KG-DRY			MB*P78-S*1		0.0
1-CHLOROHEXANE	MG/KG-DRY		D611	MB*F INAL*1	01/25/88	0.0
1-CHLOROHEXANE	MG/KG-DRY			MB*P78-S*1		0.0
HYDROCARBONS, PETROL	MG/KG-DRY	98233*AD	D523	MB*NONE*37	12/06/88	4.17
HYDROCARBONS, PETROL	MG/KG-DRY		D538	MB*NONE*38	12/09/88	41.7
HYDROCARBONS, PETROL	MG/KG-DRY		D548	MB*NONE*40	12/13/88	0.0
HYDROCARBONS, PETROL	MG/KG-DRY		D552	MB*NONE*41	12/15/88	0.0
HYDROCARBONS, PETROL	MG/KG-DRY		D562	MB*NONE*42	12/23/88	5.75
HYDROCARBONS, PETROL	MG/KG-DRY		D610	MB*NONE*49	01/27/89	3.54

METHOD BLANK SUMMARY
WATER

Method Blank Sample Summary

NAME	UNITS	STORMETH	BATCH	SAMPLE	DATE	FOUND
BENZENE	UG/L	34030*PI	D532	MB*F INAL*1	12/06/88	0.0
BENZENE	UG/L			MB*P78-W*1		0.10
BENZENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
BENZENE	UG/L			MB*P78-W*1		0.0
BENZENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
BENZENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
BENZENE	UG/L			MB*STORAGE*1		0.02
TOLUENE	UG/L	34010*PI	D532	MB*F INAL*1	12/06/88	0.0
TOLUENE	UG/L			MB*P78-W*1		0.03
TOLUENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TOLUENE	UG/L			MB*P78-W*1		0.0
TOLUENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TOLUENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TOLUENE	UG/L			MB*STORAGE*1		0.0
CHLOROBENZENE	UG/L	34301*PI	D532	MB*F INAL*1	12/06/88	0.0
CHLOROBENZENE	UG/L			MB*P78-W*1		0.0
CHLOROBENZENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
CHLOROBENZENE	UG/L			MB*P78-W*1		0.0
CHLOROBENZENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
CHLOROBENZENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
CHLOROBENZENE	UG/L			MB*STORAGE*1		0.002
ETHYLBENZENE	UG/L	34371*PI	D532	MB*F INAL*1	12/06/88	0.0
ETHYLBENZENE	UG/L			MB*P78-W*1		0.003
ETHYLBENZENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
ETHYLBENZENE	UG/L			MB*P78-W*1		0.0
ETHYLBENZENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
ETHYLBENZENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
ETHYLBENZENE	UG/L			MB*STORAGE*1		0.0
BROMOBENZENE	UG/L	99634*PI	D532	MB*F INAL*1	12/06/88	0.0
BROMOBENZENE	UG/L			MB*P78-W*1		0.0
BROMOBENZENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
BROMOBENZENE	UG/L			MB*P78-W*1		0.0
BROMOBENZENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
BROMOBENZENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
BROMOBENZENE	UG/L			MB*STORAGE*1		0.0003
XYLENES, TOTAL	UG/L	81551*PI	D532	MB*F INAL*1	12/06/88	0.0
XYLENES, TOTAL	UG/L			MB*P78-W*1		0.0
XYLENES, TOTAL	UG/L		D584	MB*F INAL*1	12/26/88	0.0
XYLENES, TOTAL	UG/L			MB*P78-W*1		0.0
XYLENES, TOTAL	UG/L		D635	MB*F INAL*1	02/02/89	0.0
XYLENES, TOTAL	UG/L		D661	MB*F INAL*1	02/13/89	0.0
XYLENES, TOTAL	UG/L			MB*STORAGE*1		0.0
DICHLOROBENZENE, TOT.	UG/L	81524*PI	D532	MB*F INAL*1	12/06/88	0.0
DICHLOROBENZENE, TOT.	UG/L			MB*P78-W*1		0.0
DICHLOROBENZENE, TOT.	UG/L		D584	MB*F INAL*1	12/26/88	0.0
DICHLOROBENZENE, TOT.	UG/L			MB*P78-W*1		0.0
DICHLOROBENZENE, TOT.	UG/L		D635	MB*F INAL*1	02/02/89	0.0
DICHLOROBENZENE, TOT.	UG/L		D661	MB*F INAL*1	02/13/89	0.0
DICHLOROBENZENE, TOT.	UG/L			MB*STORAGE*1		0.0
CHLOROMETHANE	UG/L	34418*HA	D532	MB*F INAL*1	12/06/88	0.0
CHLOROMETHANE	UG/L			MB*P78-W*1		0.159
CHLOROMETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
CHLOROMETHANE	UG/L			MB*P78-W*1		0.093
CHLOROMETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
CHLOROMETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
CHLOROMETHANE	UG/L			MB*STORAGE*1		0.257

Method Blank Sample Summary

NAME	UNITS	STOR* METH	BATCH	SAMPLE	DATE	FOUND
BROMOMETHANE	UG/L	34413*HA	D532	MB*F INAL*1	12/06/88	0.0
BROMOMETHANE	UG/L			MB*P78-W*1		0.153
BROMOMETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
BROMOMETHANE	UG/L			MB*P78-W*1		0.460
BROMOMETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
BROMOMETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
BROMOMETHANE	UG/L			MB*STORAGE*1		0.346
VINYL CHLORIDE	UG/L	39175*HA	D532	MB*F INAL*1	12/06/88	0.0
VINYL CHLORIDE	UG/L			MB*P78-W*1		0.199
VINYL CHLORIDE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
VINYL CHLORIDE	UG/L			MB*P78-W*1		0.0
VINYL CHLORIDE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
VINYL CHLORIDE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
VINYL CHLORIDE	UG/L			MB*STORAGE*1		0.335
CHLOROETHANE	UG/L	34311*HA	D532	MB*F INAL*1	12/06/88	0.0
CHLOROETHANE	UG/L			MB*P78-W*1		0.101
CHLOROETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
CHLOROETHANE	UG/L			MB*P78-W*1		0.118
CHLOROETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
CHLOROETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
CHLOROETHANE	UG/L			MB*STORAGE*1		0.243
DICHLORODIFLUORO	UG/L	34668*HA	D532	MB*F INAL*1	12/06/88	0.0
DICHLORODIFLUORO	UG/L			MB*P78-W*1		0.199
DICHLORODIFLUORO	UG/L		D584	MB*F INAL*1	12/26/88	0.0
DICHLORODIFLUORO	UG/L			MB*P78-W*1		0.0
DICHLORODIFLUORO	UG/L		D635	MB*F INAL*1	02/02/89	0.0
DICHLORODIFLUORO	UG/L		D661	MB*F INAL*1	02/13/89	0.0
DICHLORODIFLUORO	UG/L			MB*STORAGE*1		0.335
METHYLENE CHLORIDE	UG/L	34423*HA	D532	MB*F INAL*1	12/06/88	0.0
METHYLENE CHLORIDE	UG/L			MB*P78-W*1		0.187
METHYLENE CHLORIDE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
METHYLENE CHLORIDE	UG/L			MB*P78-W*1		0.157
METHYLENE CHLORIDE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
METHYLENE CHLORIDE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
METHYLENE CHLORIDE	UG/L			MB*STORAGE*1		0.197
TRICHL'FLUOROMETHANE	UG/L	34488*HA	D532	MB*F INAL*1	12/06/88	0.0
TRICHL'FLUOROMETHANE	UG/L			MB*P78-W*1		0.243
TRICHL'FLUOROMETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TRICHL'FLUOROMETHANE	UG/L			MB*P78-W*1		0.149
TRICHL'FLUOROMETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TRICHL'FLUOROMETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TRICHL'FLUOROMETHANE	UG/L			MB*STORAGE*1		0.240
1,1-DICHLOROETHYLENE	UG/L	34501*HA	D532	MB*F INAL*1	12/06/88	0.0
1,1-DICHLOROETHYLENE	UG/L			MB*P78-W*1		0.081
1,1-DICHLOROETHYLENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,1-DICHLOROETHYLENE	UG/L			MB*P78-W*1		0.036
1,1-DICHLOROETHYLENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,1-DICHLOROETHYLENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,1-DICHLOROETHYLENE	UG/L			MB*STORAGE*1		0.215
1,1-DICHLOROETHANE	UG/L	34496*HA	D532	MB*F INAL*1	12/06/88	0.0
1,1-DICHLOROETHANE	UG/L			MB*P78-W*1		0.040
1,1-DICHLOROETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,1-DICHLOROETHANE	UG/L			MB*P78-W*1		0.002
1,1-DICHLOROETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,1-DICHLOROETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,1-DICHLOROETHANE	UG/L			MB*STORAGE*1		0.133

Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND
TRANS-1,2-DICHLORO ETHENE	UG/L	34546*HA	D532	MB*F INAL*1	12/06/88	0.0
TRANS-1,2-DICHLORO ETHENE	UG/L			MB*P78-H*1		0.051
TRANS-1,2-DICHLORO ETHENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TRANS-1,2-DICHLORO ETHENE	UG/L			MB*P78-H*1		0.0
TRANS-1,2-DICHLORO ETHENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TRANS-1,2-DICHLORO ETHENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TRANS-1,2-DICHLORO ETHENE	UG/L			MB*STORAGE*1		0.218
CHLOROFORM	UG/L	32106*HA	D532	MB*F INAL*1	12/06/88	0.0
CHLOROFORM	UG/L			MB*P78-H*1		0.0
CHLOROFORM	UG/L		D584	MB*F INAL*1	12/26/88	0.0
CHLOROFORM	UG/L			MB*P78-H*1		0.0
CHLOROFORM	UG/L		D635	MB*F INAL*1	02/02/89	0.00008
CHLOROFORM	UG/L		D661	MB*F INAL*1	02/13/89	0.0
CHLOROFORM	UG/L			MB*STORAGE*1		0.171
1,2-DICHLOROETHANE	UG/L	34531*HA	D532	MB*F INAL*1	12/06/88	0.0
1,2-DICHLOROETHANE	UG/L			MB*P78-H*1		0.015
1,2-DICHLOROETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,2-DICHLOROETHANE	UG/L			MB*P78-H*1		0.040
1,2-DICHLOROETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,2-DICHLOROETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,2-DICHLOROETHANE	UG/L			MB*STORAGE*1		0.170
1-BROMOMETHANE	UG/L	81522*HA	D532	MB*F INAL*1	12/06/88	0.0
1-BROMOMETHANE	UG/L			MB*P78-H*1		0.015
1-BROMOMETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1-BROMOMETHANE	UG/L			MB*P78-H*1		0.061
1-BROMOMETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1-BROMOMETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1-BROMOMETHANE	UG/L			MB*STORAGE*1		0.170
1,1,1-TRICHL'ETHANE	UG/L	34506*HA	D532	MB*F INAL*1	12/06/88	0.0
1,1,1-TRICHL'ETHANE	UG/L			MB*P78-H*1		0.021
1,1,1-TRICHL'ETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,1,1-TRICHL'ETHANE	UG/L			MB*P78-H*1		0.0
1,1,1-TRICHL'ETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,1,1-TRICHL'ETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,1,1-TRICHL'ETHANE	UG/L			MB*STORAGE*1		0.0
CARBON TETRACHLORIDE	UG/L	32102*HA	D532	MB*F INAL*1	12/06/88	0.0
CARBON TETRACHLORIDE	UG/L			MB*P78-H*1		0.071
CARBON TETRACHLORIDE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
CARBON TETRACHLORIDE	UG/L			MB*P78-H*1		0.0
CARBON TETRACHLORIDE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
CARBON TETRACHLORIDE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
CARBON TETRACHLORIDE	UG/L			MB*STORAGE*1		0.010
BROMODICHLOROMETHANE	UG/L	32101*HA	D532	MB*F INAL*1	12/06/88	0.0
BROMODICHLOROMETHANE	UG/L			MB*P78-H*1		0.0009
BROMODICHLOROMETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
BROMODICHLOROMETHANE	UG/L			MB*P78-H*1		0.0
BROMODICHLOROMETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
BROMODICHLOROMETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
BROMODICHLOROMETHANE	UG/L			MB*STORAGE*1		0.055
1,2-DICHLOROPROPANE	UG/L	34541*HA	D532	MB*F INAL*1	12/06/88	0.0
1,2-DICHLOROPROPANE	UG/L			MB*P78-H*1		0.011
1,2-DICHLOROPROPANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,2-DICHLOROPROPANE	UG/L			MB*P78-H*1		0.0
1,2-DICHLOROPROPANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,2-DICHLOROPROPANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,2-DICHLOROPROPANE	UG/L			MB*STORAGE*1		0.068

Method Blank Sample Summary

NAME	UNITS	STOR* METH	BATCH	SAMPLE	DATE	FOUND
TRANS-1,3-DICHLORO PROPENE	UG/L	34699*HA	D532	MB*F INAL*1	12/06/88	0.0
TRANS-1,3-DICHLORO PROPENE	UG/L			MB*P78-W*1		0.0
TRANS-1,3-DICHLORO PROPENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TRANS-1,3-DICHLORO PROPENE	UG/L			MB*P78-W*1		0.0
TRANS-1,3-DICHLORO PROPENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TRANS-1,3-DICHLORO PROPENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TRANS-1,3-DICHLORO PROPENE	UG/L			MB*STORAGE*1		0.072
1,1,2-TRICHL'ETHANE	UG/L	34511*HA	D532	MB*F INAL*1	12/06/88	0.0
1,1,2-TRICHL'ETHANE	UG/L			MB*P78-W*1		0.0
1,1,2-TRICHL'ETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,1,2-TRICHL'ETHANE	UG/L			MB*P78-W*1		0.0
1,1,2-TRICHL'ETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,1,2-TRICHL'ETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,1,2-TRICHL'ETHANE	UG/L			MB*STORAGE*1		0.0
TRICHLOROETHENE	UG/L	39180*HA	D532	MB*F INAL*1	12/06/88	0.0
TRICHLOROETHENE	UG/L			MB*P78-W*1		0.0
TRICHLOROETHENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TRICHLOROETHENE	UG/L			MB*P78-W*1		0.0
TRICHLOROETHENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TRICHLOROETHENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TRICHLOROETHENE	UG/L			MB*STORAGE*1		0.0
DIBROMOCHLOROMETHANE	UG/L	32105*HA	D532	MB*F INAL*1	12/06/88	0.0
DIBROMOCHLOROMETHANE	UG/L			MB*P78-W*1		0.0
DIBROMOCHLOROMETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
DIBROMOCHLOROMETHANE	UG/L			MB*P78-W*1		0.0
DIBROMOCHLOROMETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
DIBROMOCHLOROMETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
DIBROMOCHLOROMETHANE	UG/L			MB*STORAGE*1		0.0
CIS-1,3-DICHLORO PROPENE	UG/L	34704*HA	D532	MB*F INAL*1	12/06/88	0.0
CIS-1,3-DICHLORO PROPENE	UG/L			MB*P78-W*1		0.0
CIS-1,3-DICHLORO PROPENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
CIS-1,3-DICHLORO PROPENE	UG/L			MB*P78-W*1		0.0
CIS-1,3-DICHLORO PROPENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
CIS-1,3-DICHLORO PROPENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
CIS-1,3-DICHLORO PROPENE	UG/L			MB*STORAGE*1		0.0
2-CHLOROETHYL VINYL ETHER	UG/L	34576*HA	D532	MB*F INAL*1	12/06/88	0.0
2-CHLOROETHYL VINYL ETHER	UG/L			MB*P78-W*1		0.110
2-CHLOROETHYL VINYL ETHER	UG/L		D584	MB*F INAL*1	12/26/88	0.0
2-CHLOROETHYL VINYL ETHER	UG/L			MB*P78-W*1		0.0
2-CHLOROETHYL VINYL ETHER	UG/L		D635	MB*F INAL*1	02/02/89	0.0
2-CHLOROETHYL VINYL ETHER	UG/L		D661	MB*F INAL*1	02/13/89	0.0
2-CHLOROETHYL VINYL ETHER	UG/L			MB*STORAGE*1		0.190
BROMOFORM	UG/L	32104*HA	D532	MB*F INAL*1	12/06/88	0.0
BROMOFORM	UG/L			MB*P78-W*1		0.0
BROMOFORM	UG/L		D584	MB*F INAL*1	12/26/88	0.0
BROMOFORM	UG/L			MB*P78-W*1		0.0
BROMOFORM	UG/L		D635	MB*F INAL*1	02/02/89	0.0
BROMOFORM	UG/L		D661	MB*F INAL*1	02/13/89	0.0
BROMOFORM	UG/L			MB*STORAGE*1		0.0
1,1,1,2-TETRACH'ETHANE	UG/L	77562*HA	D532	MB*F INAL*1	12/06/88	0.0
1,1,1,2-TETRACH'ETHANE	UG/L			MB*P78-W*1		0.0
1,1,1,2-TETRACH'ETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,1,1,2-TETRACH'ETHANE	UG/L			MB*P78-W*1		0.0
1,1,1,2-TETRACH'ETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,1,1,2-TETRACH'ETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,1,1,2-TETRACH'ETHANE	UG/L			MB*STORAGE*1		0.0

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NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	FOUND
TRICHLOROPROPANE	UG/L	97758*HA	D532	MB*F INAL*1	12/06/88	0.0
TRICHLOROPROPANE	UG/L			MB*P78-M*1		0.051
TRICHLOROPROPANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TRICHLOROPROPANE	UG/L			MB*P78-M*1		0.0
TRICHLOROPROPANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TRICHLOROPROPANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TETRACHLOROETHENE	UG/L			MB*STORAGE*1		0.13
TETRACHLOROETHENE	UG/L	34475*HA	D532	MB*F INAL*1	12/06/88	0.0
TETRACHLOROETHENE	UG/L			MB*P78-M*1		0.0
TETRACHLOROETHENE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
TETRACHLOROETHENE	UG/L			MB*P78-M*1		0.0
TETRACHLOROETHENE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
TETRACHLOROETHENE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
TETRACHLOROETHENE	UG/L			MB*STORAGE*1		0.0
1,1,2,2-TETRACHLOROETHANE	UG/L			MB*F INAL*1	12/06/88	0.0
1,1,2,2-TETRACHLOROETHANE	UG/L	34516*HA	D532	MB*F INAL*1	12/06/88	0.0
1,1,2,2-TETRACHLOROETHANE	UG/L			MB*P78-M*1		0.0
1,1,2,2-TETRACHLOROETHANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1,1,2,2-TETRACHLOROETHANE	UG/L			MB*P78-M*1		0.0
1,1,2,2-TETRACHLOROETHANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1,1,2,2-TETRACHLOROETHANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1,1,2,2-TETRACHLOROETHANE	UG/L			MB*STORAGE*1		0.0
1-CHLOROHEXANE	UG/L	97761*HA	D532	MB*F INAL*1	12/06/88	0.0
1-CHLOROHEXANE	UG/L			MB*P78-M*1		0.04
1-CHLOROHEXANE	UG/L		D584	MB*F INAL*1	12/26/88	0.0
1-CHLOROHEXANE	UG/L			MB*P78-M*1		0.0
1-CHLOROHEXANE	UG/L		D635	MB*F INAL*1	02/02/89	0.0
1-CHLOROHEXANE	UG/L		D661	MB*F INAL*1	02/13/89	0.0
1-CHLOROHEXANE	UG/L			MB*STORAGE*1		0.05
DISS. SOLIDS	MG/L	70302*DEN	D544	MB*NONE*1	12/06/88	3
DISS. SOLIDS	MG/L		D644	MB*NONE*1	02/02/89	0.0
DISS. SOLIDS	MG/L		D683	MB*NONE*1	01/30/89	0.0
HYDROCARBONS, PETROL., TOT	UG/L	99388*DIR	D534	MB*NONE*37	12/08/88	0.0
HYDROCARBONS, PETROL., TOT	UG/L		D571	MB*NONE*45	12/22/88	147
HYDROCARBONS, PETROL., TOT	UG/L		D641	MB*NONE*002	02/03/89	0.0
HYDROCARBONS, PETROL., TOT	UG/L		D688	MB*TBK*2	03/01/89	0.0
ACENAPHTHENE	UG/L	34205*ADMS	D704	MB*NONE*1	02/11/89	0.0
ACENAPHTHENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
ACENAPHTHYLENE	UG/L	34200*ADMS	D704	MB*NONE*1	02/11/89	0.0
ACENAPHTHYLENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
ACETOPHENONE	UG/L	81553*ADMS	D704	MB*NONE*1	02/11/89	0.0
ACETOPHENONE	UG/L		D710	MB*NONE*1	02/12/89	0.0
ANILINE	UG/L	77089*ADMS	D704	MB*NONE*1	02/11/89	0.0
ANILINE	UG/L		D710	MB*NONE*1	02/12/89	0.0
ANTHRACENE	UG/L	34220*ADMS	D704	MB*NONE*1	02/11/89	0.0
ANTHRACENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
4-AMINOBIIPHENOL	UG/L	97693*ADMS	D704	MB*NONE*1	02/11/89	0.0
4-AMINOBIIPHENOL	UG/L		D710	MB*NONE*1	02/12/89	0.0
BENZIDINE	UG/L	39120*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZIDINE	UG/L		D710	MB*NONE*1	02/12/89	0.0
BENZO(A)ANTHRACENE	UG/L	34526*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZO(A)ANTHRACENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
BENZO(B)FLUORANTHENE	UG/L	34230*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZO(B)FLUORANTHENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
BENZO(K)FLUORANTHENE	UG/L	34242*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZO(K)FLUORANTHENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
BENZO(A)PYRENE	UG/L	34247*ADMS	D704	MB*NONE*1	02/11/89	0.0

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NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND
BENZO(A)PYRENE	UG/L	34247*ADMS	D710	MB*NONE*1	02/12/89	0.0
BENZO(GH)PERYLENE	UG/L	34521*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZO(GH)PERYLENE	UG/L	77147*ADMS	D710	MB*NONE*1	02/12/89	0.0
BENZYL ALCOHOL	UG/L	77147*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZYL ALCOHOL	UG/L	77247*ADMS	D710	MB*NONE*1	02/12/89	0.0
BENZOIC ACID	UG/L	77247*ADMS	D704	MB*NONE*1	02/11/89	0.0
BENZOIC ACID	UG/L	34292*ADMS	D710	MB*NONE*1	02/12/89	0.0
BUTYLBENZYLPHthalate	UG/L	34292*ADMS	D704	MB*NONE*1	02/11/89	0.0
BUTYLBENZYLPHthalate	UG/L	34273*ADMS	D710	MB*NONE*1	02/12/89	0.0
BIS(2-CHLOROETHYL) ETHER	UG/L	34273*ADMS	D704	MB*NONE*1	02/11/89	0.0
BIS(2-CHLOROETHYL) ETHER	UG/L	34278*ADMS	D710	MB*NONE*1	02/12/89	0.0
BIS(2-CHLOROETHOXY) METHANE	UG/L	34278*ADMS	D704	MB*NONE*1	02/11/89	0.0
BIS(2-CHLOROETHOXY) METHANE	UG/L	39100*ADMS	D710	MB*NONE*1	02/12/89	0.0
BIS(2-ETHYLHEXYL) PHthalate	UG/L	39100*ADMS	D704	MB*NONE*1	02/11/89	0.0
BIS(2-ETHYLHEXYL) PHthalate	UG/L	34283*ADMS	D710	MB*NONE*1	02/12/89	0.0
BIS(2-CHL'ISOPROPYL) ETHER	UG/L	34283*ADMS	D704	MB*NONE*1	02/11/89	0.0
BIS(2-CHL'ISOPROPYL) ETHER	UG/L	34636*ADMS	D710	MB*NONE*1	02/12/89	0.0
4-BROMOPHENYLPHENYL ETHER	UG/L	34636*ADMS	D704	MB*NONE*1	02/11/89	0.0
4-BROMOPHENYLPHENYL ETHER	UG/L	99075*ADMS	D710	MB*NONE*1	02/12/89	0.0
4-CHLOROANILINE	UG/L	99075*ADMS	D704	MB*NONE*1	02/11/89	0.0
4-CHLOROANILINE	UG/L	97694*ADMS	D710	MB*NONE*1	02/12/89	0.0
1-CHLORONAPHTHALENE	UG/L	97694*ADMS	D704	MB*NONE*1	02/11/89	0.0
1-CHLORONAPHTHALENE	UG/L	34581*ADMS	D710	MB*NONE*1	02/12/89	0.0
2-CHLORONAPHTHALENE	UG/L	34581*ADMS	D704	MB*NONE*1	02/11/89	0.0
2-CHLORONAPHTHALENE	UG/L	34586*ADMS	D710	MB*NONE*1	02/12/89	0.0
2-CHLOROPHENOL	UG/L	34586*ADMS	D704	MB*NONE*1	02/11/89	0.0
2-CHLOROPHENOL	UG/L	34452*ADMS	D710	MB*NONE*1	02/12/89	0.0
4-CHLORO-3-METHYL PHENOL	UG/L	34452*ADMS	D704	MB*NONE*1	02/11/89	0.0
4-CHLORO-3-METHYL PHENOL	UG/L	34641*ADMS	D710	MB*NONE*1	02/12/89	0.0
4-CHLOROPHENYLPHENYL ETHER	UG/L	34641*ADMS	D704	MB*NONE*1	02/11/89	0.0
4-CHLOROPHENYLPHENYL ETHER	UG/L	34320*ADMS	D710	MB*NONE*1	02/12/89	0.0
CHRYSENE	UG/L	34320*ADMS	D704	MB*NONE*1	02/11/89	0.0
CHRYSENE	UG/L	97695*ADMS	D710	MB*NONE*1	02/12/89	0.0
DIBENZ(A,J)ACRIDINE	UG/L	97695*ADMS	D704	MB*NONE*1	02/11/89	0.0
DIBENZ(A,J)ACRIDINE	UG/L	34556*ADMS	D710	MB*NONE*1	02/12/89	0.0
DIBEN'(A,H)ANTH'CENE	UG/L	34556*ADMS	D704	MB*NONE*1	02/11/89	0.0
DIBEN'(A,H)ANTH'CENE	UG/L	81302*ADMS	D710	MB*NONE*1	02/12/89	0.0
DIBENZOFURAN	UG/L	81302*ADMS	D704	MB*NONE*1	02/11/89	0.0
DIBENZOFURAN	UG/L	39110*ADMS	D710	MB*NONE*1	02/12/89	0.0
DI-N-BUTYLPHthalate	UG/L	39110*ADMS	D704	MB*NONE*1	02/11/89	0.0
DI-N-BUTYLPHthalate	UG/L	34566*ADMS	D710	MB*NONE*1	02/12/89	0.0
1,3-DICHLOROBENZENE	UG/L	34566*ADMS	D704	MB*NONE*1	02/11/89	0.0
1,3-DICHLOROBENZENE	UG/L	34536*ADMS	D710	MB*NONE*1	02/12/89	0.0
1,2-DICHLOROBENZENE	UG/L	34536*ADMS	D704	MB*NONE*1	02/11/89	0.0
1,2-DICHLOROBENZENE	UG/L	34571*ADMS	D710	MB*NONE*1	02/12/89	0.0
1,4-DICHLOROBENZENE	UG/L	34571*ADMS	D704	MB*NONE*1	02/11/89	0.0
1,4-DICHLOROBENZENE	UG/L	34631*ADMS	D710	MB*NONE*1	02/12/89	0.0
3,3'-DICHL' BENZIDINE	UG/L	34631*ADMS	D704	MB*NONE*1	02/11/89	0.0
3,3'-DICHL' BENZIDINE	UG/L	34601*ADMS	D710	MB*NONE*1	02/12/89	0.0
2,4-DICHLOROPHENOL	UG/L	34601*ADMS	D704	MB*NONE*1	02/11/89	0.0
2,4-DICHLOROPHENOL	UG/L	77541*ADMS	D710	MB*NONE*1	02/12/89	0.0
2,6-DICHLOROPHENOL	UG/L	77541*ADMS	D704	MB*NONE*1	02/11/89	0.0
2,6-DICHLOROPHENOL	UG/L	34336*ADMS	D710	MB*NONE*1	02/12/89	0.0
DIETHYLPHthalate	UG/L	34336*ADMS	D704	MB*NONE*1	02/11/89	0.0
DIETHYLPHthalate	UG/L	97696*ADMS	D710	MB*NONE*1	02/12/89	0.0
P-DIMETHYLAMINOAZOBENZENE	UG/L	97696*ADMS	D704	MB*NONE*1	02/11/89	0.0

Method Blank Sample Summary

NAME	UNITS	STOR#METH	BATCH	SAMPLE	DATE	FOUND
P-DIMETHYLAMINOAZOBENZENE	UG/L	97696*ADMS	D710	MB*NONE*1	02/12/89	0.0
7,12-DIMETHYLBENZ(C)ANTHRACENE	UG/L	97697*ADMS	D704	MB*NONE*1	02/11/89	0.0
7,12-DIMETHYLBENZ(C)ANTHRACENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
A-A-DIMETHYLPHENETHYLAMINE	UG/L	97698*ADMS	D704	MB*NONE*1	02/11/89	0.0
A-A-DIMETHYLPHENETHYLAMINE	UG/L		D710	MB*NONE*1	02/12/89	0.0
2,4-DIMETHYLPHENOL	UG/L	34606*ADMS	D704	MB*NONE*1	02/11/89	0.0
2,4-DIMETHYLPHENOL	UG/L		D710	MB*NONE*1	02/12/89	0.0
4,6-DINITRO-2-METHYLPHENOL	UG/L	97711*ADMS	D704	MB*NONE*1	02/12/89	0.0
4,6-DINITRO-2-METHYLPHENOL	UG/L		D710	MB*NONE*1	02/11/89	0.0
DIMETHYLPHthalATE	UG/L	34341*ADMS	D704	MB*NONE*1	02/11/89	0.0
DIMETHYLPHthalATE	UG/L		D710	MB*NONE*1	02/12/89	0.0
2,4-DINITROPHENOL	UG/L	34616*ADMS	D704	MB*NONE*1	02/11/89	0.0
2,4-DINITROPHENOL	UG/L		D710	MB*NONE*1	02/12/89	0.0
2,4-DINITROTOLUENE	UG/L	34611*ADMS	D704	MB*NONE*1	02/11/89	0.0
2,4-DINITROTOLUENE	UG/L		D710	MB*NONE*1	02/12/89	0.0
2,6-DINITROTOLUENE	UG/L	34626*ADMS	D704	MB*NONE*1	02/12/89	0.0
2,6-DINITROTOLUENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
DIPHENYLAMINE	UG/L	77579*ADMS	D704	MB*NONE*1	02/12/89	0.0
DIPHENYLAMINE	UG/L		D710	MB*NONE*1	02/11/89	0.0
1,2-DIPHEN*HYDRAZINE	UG/L	34346*ADMS	D704	MB*NONE*1	02/12/89	0.0
1,2-DIPHEN*HYDRAZINE	UG/L		D710	MB*NONE*1	02/11/89	0.0
DI-N-OCTYLPHthalATE	UG/L	34596*ADMS	D704	MB*NONE*1	02/11/89	0.0
DI-N-OCTYLPHthalATE	UG/L		D710	MB*NONE*1	02/12/89	0.0
ETHYL METHANESULFONATE	UG/L	97699*ADMS	D704	MB*NONE*1	02/12/89	0.0
ETHYL METHANESULFONATE	UG/L		D710	MB*NONE*1	02/11/89	0.0
FLUORANTHENE	UG/L	34376*ADMS	D704	MB*NONE*1	02/12/89	0.0
FLUORANTHENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
FLUORENE	UG/L	34381*ADMS	D704	MB*NONE*1	02/12/89	0.0
FLUORENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
HEXACHLOROBENZENE	UG/L	39700*ADMS	D704	MB*NONE*1	02/12/89	0.0
HEXACHLOROBENZENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
HEXACHLOROBUTADIENE	UG/L	34391*ADMS	D704	MB*NONE*1	02/12/89	0.0
HEXACHLOROBUTADIENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
HEXACHLOROCYCLOPENTADIENE	UG/L	34386*ADMS	D704	MB*NONE*1	02/12/89	0.0
HEXACHLOROCYCLOPENTADIENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
HEXACHLOROETHANE	UG/L	34396*ADMS	D704	MB*NONE*1	02/12/89	0.0
HEXACHLOROETHANE	UG/L		D710	MB*NONE*1	02/11/89	0.0
INDENO(1,2,3-CD)	UG/L	34403*ADMS	D704	MB*NONE*1	02/12/89	0.0
INDENO(1,2,3-CD)	UG/L		D710	MB*NONE*1	02/11/89	0.0
ISOPHORONE	UG/L	34408*ADMS	D704	MB*NONE*1	02/12/89	0.0
ISOPHORONE	UG/L		D710	MB*NONE*1	02/11/89	0.0
2-METHYL PHENOL	UG/L	99073*ADMS	D704	MB*NONE*1	02/12/89	0.0
2-METHYL PHENOL	UG/L		D710	MB*NONE*1	02/11/89	0.0
4-METHYL PHENOL	UG/L	99074*ADMS	D704	MB*NONE*1	02/12/89	0.0
4-METHYL PHENOL	UG/L		D710	MB*NONE*1	02/11/89	0.0
3-METHYLCHOLANTHRENE	UG/L	97700*ADMS	D704	MB*NONE*1	02/12/89	0.0
3-METHYLCHOLANTHRENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
METHYL METHANESULFONATE	UG/L	97701*ADMS	D704	MB*NONE*1	02/12/89	0.0
METHYL METHANESULFONATE	UG/L		D710	MB*NONE*1	02/11/89	0.0
2-METHLYNAPHTHALENE	UG/L	77416*ADMS	D704	MB*NONE*1	02/12/89	0.0
2-METHLYNAPHTHALENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
NAPHTHALENE	UG/L	34696*ADMS	D704	MB*NONE*1	02/12/89	0.0
NAPHTHALENE	UG/L		D710	MB*NONE*1	02/11/89	0.0
1-NAPHTHYLAMINE	UG/L	97702*ADMS	D704	MB*NONE*1	02/12/89	0.0
1-NAPHTHYLAMINE	UG/L		D710	MB*NONE*1	02/11/89	0.0
2-NAPHTHYLAMINE	UG/L	97703*ADMS	D704	MB*NONE*1	02/12/89	0.0
2-NAPHTHYLAMINE	UG/L		D710	MB*NONE*1	02/11/89	0.0

04/14/89

Hunter/ESE, INC.

Method Blank Sample Summary

NAME	UNITS	STORMETH	BATCH	SAMPLE	DATE	FOUND
CARBON TETRACHLORIDE	UG/L	32102*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
CARBON TETRACHLORIDE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
CARBON TETRACHLORIDE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
TOLUENE	UG/L	34010*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
TOLUENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
TOLUENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
BENZENE	UG/L	34030*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
BENZENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
BENZENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
BENZENE	UG/L	34215*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
BENZENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
ACRYLONITRILE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
ACRYLONITRILE	UG/L	34273*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
ACRYLONITRILE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
BIS(2-CHLOROETHYL) ETHER	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
BIS(2-CHLOROETHYL) ETHER	UG/L	34301*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
BIS(2-CHLOROETHYL) ETHER	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
CHLOROBENZENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
CHLOROBENZENE	UG/L	34311*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
CHLOROBENZENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
CHLOROBENZENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
CHLOROETHANE	UG/L	34391*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
CHLOROETHANE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
CHLOROETHANE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
HEXACHLOROBUTADIENE	UG/L	34396*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
HEXACHLOROBUTADIENE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
HEXACHLOROBUTADIENE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
HEXACHLOROETHANE	UG/L	34423*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
HEXACHLOROETHANE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
HEXACHLOROETHANE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
METHYLENE CHLORIDE	UG/L	34447*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
METHYLENE CHLORIDE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
METHYLENE CHLORIDE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
NITROBENZENE	UG/L	34475*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
NITROBENZENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
NITROBENZENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
TETRACHLOROETHENE	UG/L	34501*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
TETRACHLOROETHENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
TETRACHLOROETHENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
1,1-DICHLOROETHYLENE	UG/L	34506*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
1,1-DICHLOROETHYLENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
1,1-DICHLOROETHYLENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
1,1,1-TRICHL'ETHANE	UG/L	34511*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
1,1,1-TRICHL'ETHANE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
1,1,1-TRICHL'ETHANE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
1,1,2-TRICHL'ETHANE	UG/L	34516*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
1,1,2-TRICHL'ETHANE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
1,1,2-TRICHL'ETHANE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
1,1,2,2-TETRACHLORO ETHANE	UG/L	34531*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
1,1,2,2-TETRACHLORO ETHANE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
1,1,2,2-TETRACHLORO ETHANE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
1,2-DICHLOROETHANE	UG/L	34536*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
1,2-DICHLOROETHANE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
1,2-DICHLOROETHANE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
1,2-DICHLOROBENZENE	UG/L	34571*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
1,2-DICHLOROBENZENE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
1,2-DICHLOROBENZENE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
1,4-DICHLOROBENZENE	UG/L		D706	MB*P78-G-S*1	02/12/89	0.0
1,4-DICHLOROBENZENE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0

Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND
1,4-DICHLOROBENZENE	UG/L	34571*ADMS	D713	MB*P78-G-S*9	02/14/89	0.0
2,4-DINITROTOLUENE	UG/L	34611*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
2,4-DINITROTOLUENE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
2,4-DINITROTOLUENE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
2,4,6-TRICHL*PHENOL	UG/L	34621*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
2,4,6-TRICHL*PHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
2,4,6-TRICHL*PHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
PHENOL	UG/L	34694*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
PHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
PHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
PENTACHLOROPHENOL	UG/L	39032*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
PENTACHLOROPHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
PENTACHLOROPHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
VINYL CHLORIDE	UG/L	39175*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
VINYL CHLORIDE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
VINYL CHLORIDE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
TRICHLOROETHENE	UG/L	39180*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
TRICHLOROETHENE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
TRICHLOROETHENE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
HEXACHLOROBENZENE	UG/L	39700*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
HEXACHLOROBENZENE	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
HEXACHLOROBENZENE	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
CARBON DISULFIDE	UG/L	77041*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
CARBON DISULFIDE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
CARBON DISULFIDE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
2,4,5-TRICHL*PHENOL	UG/L	77687*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
2,4,5-TRICHL*PHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
2,4,5-TRICHL*PHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
METHYL ETHYL KETONE	UG/L	81595*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
METHYL ETHYL KETONE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
METHYL ETHYL KETONE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
ISOBUTANOL	UG/L	97203*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
ISOBUTANOL	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
ISOBUTANOL	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
1,1,1,2-TETRACL*ETHANE	UG/L	97204*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
1,1,1,2-TETRACL*ETHANE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
1,1,1,2-TETRACL*ETHANE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
M-CRESOL	UG/L	97206*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
M-CRESOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
M-CRESOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
PYRIDINE	UG/L	97208*ADMS	D671	MB*EXTRBLK*1	01/16/89	0.0
PYRIDINE	UG/L		D700	MB*P78-G-S*100	02/02/89	0.0
PYRIDINE	UG/L		D702	MB*P78-G-S*9	02/09/89	0.0
2,3,4,6 TETRACL*PHENOL	UG/L	97209*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
2,3,4,6 TETRACL*PHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
2,3,4,6 TETRACL*PHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
2-METHYL PHENOL	UG/L	99073*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
2-METHYL PHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
2-METHYL PHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
4-METHYL PHENOL	UG/L	99074*ADMS	D706	MB*P78-G-S*1	02/12/89	0.0
4-METHYL PHENOL	UG/L		D712	MB*P78-G-S*5	02/14/89	0.0
4-METHYL PHENOL	UG/L		D713	MB*P78-G-S*9	02/07/89	0.0
BHC, G(LINDANE)	UG/L	39340*ADEC	D643	MB*NONE*1	01/31/89	0.0
BHC, G(LINDANE)	UG/L		D645	MB*NONE*1	02/01/89	0.0
BHC, G(LINDANE)	UG/L		D695	MB*PBLK*25	02/17/89	0.0
CHLORDANE	UG/L	39350*ADEC	D643	MB*NONE*1	01/31/89	0.0

Method Blank Sample Summary

NAME	UNITS	STOR*METH	BATCH	SAMPLE	DATE	FOUND
CHLORDANE	UG/L	39350*ADEC	D645	MB*NONE*1	02/01/89	0.0
CHLORDANE	UG/L		D695	MB*PBLK*25	02/17/89	0.0
ENDR IN	UG/L	39390*ADEC	D643	MB*NONE*1	01/31/89	0.0
ENDR IN	UG/L		D645	MB*NONE*1	02/01/89	0.0
ENDR IN	UG/L		D695	MB*PBLK*25	02/17/89	0.0
TOXAPHENE	UG/L	39400*ADEC	D643	MB*NONE*1	01/31/89	0.0
TOXAPHENE	UG/L		D645	MB*NONE*1	02/01/89	0.0
TOXAPHENE	UG/L		D695	MB*PBLK*25	02/17/89	0.0
HEPTACHLOR	UG/L	39410*ADEC	D643	MB*NONE*1	01/31/89	0.0
HEPTACHLOR	UG/L		D645	MB*NONE*1	02/01/89	0.0
HEPTACHLOR	UG/L		D695	MB*PBLK*25	02/17/89	0.0
METHOXYCHLOR	UG/L	39480*ADEC	D643	MB*NONE*1	01/31/89	0.0
METHOXYCHLOR	UG/L		D645	MB*NONE*1	02/01/89	0.0
METHOXYCHLOR	UG/L		D695	MB*PBLK*25	02/17/89	0.0
2,4-D, TOTAL	UG/L	39730*ADEC	D620	MB*P78-G-S*1	01/26/89	0.0
2,4-D, TOTAL	UG/L		D687	MB*P78-G-S*2	02/27/89	0.0
2,4,5-TP/SILVEX	UG/L	39760*ADEC	D620	MB*P78-G-S*1	01/26/89	0.0
2,4,5-TP/SILVEX	UG/L		D687	MB*P78-G-S*2	02/27/89	0.0
MERCURY, TOTAL	MG/L	97531*ADCV	D660	MB*FBLK*1	02/10/89	0.0
ARSENIC, TOTAL	MG/L	97532*ADGF	D651	MB*NONE*1	02/10/89	0.0053
SELENIUM, TOTAL	MG/L	97534*ADGF		MB*NONE*1		0.0003
BARIUM, TOTAL	MG/L	97516*ALCP	G4499	MB*NONE*1	01/25/89	0.0002
BARIUM, TOTAL	MG/L		G4935	MB*NONE*1	02/20/89	0.0004
CADMIUM, TOTAL	MG/L	97519*ALCP	G4499	MB*NONE*1	01/25/89	0.0031
CADMIUM, TOTAL	MG/L		G4935	MB*NONE*1	02/20/89	0.0011
CHROMIUM, TOTAL	MG/L	97521*ALCP	G4499	MB*NONE*1	01/25/89	0.0002
CHROMIUM, TOTAL	MG/L		G4935	MB*NONE*1	02/20/89	0.0
SILVER, TOTAL	MG/L	97528*ALCP	G4499	MB*NONE*1	01/25/89	0.0
SILVER, TOTAL	MG/L		G4935	MB*NONE*1	02/20/89	0.0
LEAD, TOTAL	MG/L	97633*ALCP	G4499	MB*NONE*1	01/25/89	0.0
LEAD, TOTAL	MG/L		G4935	MB*NONE*1	02/20/89	0.0017
2,4-D	MG/KG-DRY	99239*AEC	D613	MB*P78-G-S*1	01/26/89	0.0
2,4-D	MG/KG-DRY		D686	MB*P78-G-S*2	02/27/89	0.0
2,4-D	MG/KG-DRY		G4143	MB*NONE*1	12/29/88	0.0
2,4,5-TP/SILVEX	MG/KG-DRY	97483*AEC	D613	MB*P78-G-S*1	01/26/89	0.0
2,4,5-TP/SILVEX	MG/KG-DRY		D686	MB*P78-G-S*2	02/27/89	0.0
2,4,5-TP/SILVEX	MG/KG-DRY		G4143	MB*NONE*1	12/29/88	0.0
2,4-D, TOTAL	UG/L	39730*AEC	G4141	MB*NONE*1	12/28/88	0.015
2,4,5-TP/SILVEX	UG/L	39760*AEC		MB*NONE*1		0.014
DICHLOROPHENYLACETIC ACID	UG/L	97404*SUR		MB*NONE*1		0.69
DICHLOROPHENYLACETIC ACID	UG/L			DA*P78-G-S*1	1.17	
DICHLOROPHENYLACETIC ACID	UG/L			DA*P78-G-S*2	1.39	
DICHLOROPHENYLACETIC ACID	UG/L			DA*P78-G-S*3	1.19	
DICHLOROPHENYLACETIC ACID	UG/L			DA*P78-G-S*4	1.05	
DICHLOROPHENYLACETIC ACID	UG/L			DA*P78-G-S*100	1.29	
DICHLOROPHENYLACETIC ACID	UG/L			SP1*NONE*1	1.01	
DICHLOROPHENYLACETIC ACID	UG/L			SPM1*P78-G-S*4	1.17	
DICHLOROPHENYLACETIC ACID	UG/L			SPM2*P78-G-S*4	1.70	
2,4-DB	MG/KG-DRY	97484*AEC	G4143	MB*NONE*1	12/29/88	0.0
2,4,5-T	MG/KG-DRY	99240*AEC		MB*NONE*1		0.0
DALAPON	MG/KG-DRY	97487*AEC		MB*NONE*1		0.0
DICAMBA (BANVEL)	MG/KG-DRY	97492*AEC		MB*NONE*1		0.0
DICHLOROPROP	MG/KG-DRY	97489*AEC		MB*NONE*1		0.0
DINOSEB	MG/KG-DRY	97490*AEC		MB*NONE*1		0.0
MCPA	MG/KG-DRY	97491*AEC		MB*NONE*1		0.0
MCPP	MG/KG-DRY	97488*AEC		MB*NONE*1		0.0

DISCUSSION OF ANALYTICAL PROBLEMS AND CORRECTIVE ACTIONS

HUNTER/ESE

ENVIRONMENTAL SERVICES, INC.

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Date: April 3, 1989
To: Bob Chesson
From: Kenneth Dahlin *KD*
Subject: QA Summary Report for Plant 78, Phase 2, Stage 2

The purpose of this memo is to summarize the QA activities that were performed in support of the Plant 78, Phase 2, Stage 2 project. In addition, all QA corrective action reports (CAR) that were generated during the review of this project's analytical data have been attached to this memo.

Field Audit Findings:

A field audit was performed on December 6th and 7th, 1988. Field activities that were taking place during the audit consisted of the installation of a monitoring well at the base of the French Creek Drain, and the collection of surface sediment samples in the Faust Valley Drainage System. All field operations observed during this audit were performed in compliance with the Plant 78 Phase 2, Stage 2 QA Program Plan (QAPP). A full Field Audit Report was sent to Christine Drier on December 27, 1988.

Analytical Data Review Findings:

Review of all analytical data generated for this project was performed using the requirements of the Plant 78 QAPP as the basis for all review CAR's. In general, the Hunter/ESE Denver and Gainesville laboratories complied with the requirements in the QAPP, except as noted in the attached CAR's. The paragraphs below summarize the QA review comments that were noted during the review of this data.

GC/MS Analysis of Water and Soils:

These analyses were performed in compliance with project requirements. One sample (P78-W*22) had low phenolic recoveries for it's BNA analysis; however, reanalysis of the sample generated the same recoveries. This is indicative of a sample matrix difficulty, and the laboratory is unable to correct for these types of problems.

GC/MS Analysis of Soils using the Toxic Contaminant Leachate Procedure (TCLP):

These analyses were performed in compliance with project requirements. It is necessary to note that no official holding times have been established for the performance of this analysis. In the absence of any requirements, the laboratory held these samples until enough were on hand to generate a reasonably sized analysis lot. At this time, the samples were tumbled in the sodium acetate buffer and the leachate was generated. Once the leachate

was generated, a 7-day holding time for extraction and a 40-day holding time for analysis of the extracts was observed by the laboratory.

There were some VOA's contamination problems that were discussed in my March 10, 1989 memo to Christine Dreier for this analysis. It seemed that this contamination was relatively constant for the affected samples, and once this is accounted for, this problem did not compromise the analysis data for these samples.

GC Analysis of Herbicides and Pesticides in TCLP Sample Extracts:

These analyses were performed in compliance with project requirements. The holding time comments discussed above pertain to these analyses as well.

As noted in my February 8, 1989 memo to Christine Dreier, the laboratory performed a total herbicide analysis of some drill cutting samples, rather than analyzing the TCLP leachate. This is a more rigorous test for the presence of organic contaminants in a soil sample, and is recognized as such in the applicable federal regulations. Therefore the use of this test does not compromise the sample analysis data which showed that for all samples, all analytes were less than the method's detection limits.

GC Analysis of VOC's in Soils and Water:

These analyses were performed in compliance with project requirements, except as noted in the attached CAR's. Note that all sample analyte results that were above the method's detection limits were confirmed using second column confirmation.

Analysis of Total Recoverable Petroleum Hydrocarbons (TRPH's) in Soils and Waters:

These analyses were performed in compliance with project requirements.

Analysis of Metals in TCLP Extracts of Soils:

These analyses were performed in compliance with project requirements.

Analysis of Mercury in Soils:

These analyses were performed in compliance with project requirements.

Analysis of Total Dissolved Solids (TDS) in Waters:

These analyses were performed in compliance with project requirements.

This completes my summary of all QA activities that were performed in support of this project. If you have any questions on this subject, please contact me at your earliest convenience.

Date: March 10, 1989
To: Christine Dreier
From: Kenneth Dahlin *KD*
Subject: Problems with Plant 78 Analysis Data Lot D700

The purpose of this memo is to inform you of a problem with the above referenced Plant 78 data lot that was uncovered during my review of TCLP VOA's analysis data contained in the lot. This lot contained GC/MS VOA's analysis data of TCLP water extracts for the following samples: P78-G-S*5 and *100.

The problem with this lot is that there were numerous contamination problems with the samples that occurred while the samples were being processed in the laboratory. You may recall that for the generation of the TCLP extract from a soil sample, the sample is tumbled in a buffered sodium acetate/water solution. It seems that the sodium hydroxide and acetic acid (ingredients used to prepare the sodium acetate buffer) used by the laboratory had some volatile organics contamination present. Specifically, Methylene Chloride, Acetone, Chloroform, Bromodichloromethane and Toluene are detected in the sodium acetate blank at levels well above the detection limits for these analytes.

These compounds were present in all of the TCLP extracts at consistent concentrations for all the samples run, including the extract blank, the sample matrix spike (MS) and matrix spike duplicate (MSD). Therefore, none of this analysis data can be considered as representative of the sample matrix, and is not reported in this data batch.

However, Carbondisulfide (CDS) did show up in the two samples and in the MS & MSD. In looking over this data, I believe that these results are an accurate reflection of the samples, and reporting the data for this analyte is justified. In a previous conversation on this subject, you have remarked that sample P78-G-S*100 is a duplicate of samples P78-G-S*3 & *4. These samples were analyzed for TCLP VOA's in data batch D671. I have reviewed this lot's analysis data and find that CDS also shows up in these samples at equivalent concentrations to what was found in sample *100. Therefore, I believe that this strong evidence that the samples do contain detectable levels of CDS.

I also need to note that the instrument blank for this lot's analysis was contaminated with low levels of a standard mixture that is used for instrument calibration. These compounds were Chloromethane, Bromomethane, Vinyl Chloride, Chloroethane, Methylene Chloride and Acetone. This contamination most probably resulted from a small amount of a standard mixture contacting the deionized water used for the instrument blank. The laboratory has removed this water from the laboratory, and the problem has since disappeared. In my judgement, this problem does not compromise the analysis data for these samples.

If you have any questions on this subject. please contact me at your earliest convenience.

CC: Doyce Blair Randy Greaves

Date: February 20, 1989
To: Christine Drier
From: Kenneth Dahlin KD
Subject: Problems with Plant 78 sample P78-S*57.

The purpose of this memo is to inform you of a problem with Air Force Plant 78 sample number P78-S*57 that was uncovered during my review of its VOA's analysis data. The problem concerns the lack of chromatographic documentation that is available for this sample.

This sample was originally run on the last day of holding times for this analysis. During this run, the instrument needle bent on a sample vial that was immediately after this sample. All the standards had been run as well as a QC check sample. However, because the end of run drift samples were not run due to the instrument malfunction, the analyst scheduled all samples in the run to be reanalyzed the following day.

Unfortunately, by the time sample #57 was rerun, holding times had expired by about 5 hours. When this was discovered by the laboratory, they attempted to salvage the run from the previous day for this sample. In fact the first day's run was acceptable because the sample had no analytes that were above the method detection limit, and the run on the following day confirmed this. Therefore, the laboratory felt the use of this data was justified.

The problem that I am reporting to you concerns the available documentation for the first run. The analyst has unfortunately lost the hard copy of the chromatograms of this sample, and has deleted the run data from the Nelson data collection computer. This is mitigated somewhat by the fact that the analyst wrote down all the analysis run data from the chromatograms on a separate data sheet which has been included in the lot folder. Also as I mentioned above, the run the following day verified that the sample had no significant concentration of analytes present. In addition, a confirmation run that was performed only two hours after holding times had expired also showed no significant concentration of any VOA's analyte.

I feel that there is adequate supporting data available for this sample to show that there are no VOA's analytes present in the sample. Copies of this supporting data has been made and has been included in the data folder for this sample. The purpose of this memo is to inform you of this situation, and let you know what corrective action has been taken for this sample.

If you have any questions, please contact me at your earliest convenience.

CC: Doyce Blair Robert Fogerty

Date: February 8, 1989
To: Christine Dreier
From: Kenneth Dahlin *KD*
Subject: Plant 78 Leachate Analysis Information

The purpose of this memo is to inform you that the Denver laboratory has performed an analysis on some Plant 78 drill cutting samples that deviated from the agreed upon protocols for this project. However, the change in procedure that was performed by the laboratory is in fact an approved deviation, and conforms to Hunter/ESE's contractual obligations for this project.

The samples I am referring to are samples P78-G-S*1, *2, *3, *4, *5, and *100. I believe that these samples represent part of the drill cutting samples that were being tested to determine whether or not the drill cuttings at certain sites had to be barreled, or could be left in place. These samples were analyzed for Herbicides by the laboratory and are reported in CLASS lot # D620.

The normal procedure for performing the leachate test is to take the soil samples and tumble them in two liters of buffered water. The water is then analyzed in order to determine if there are any toxic materials that are leaching out of the soil. In place of this test, the laboratory performed a total analysis for Herbicides, which involves extracting the samples with a solvent and then analyzing the extract. This is a much more rigorous extraction process. This fact recognized as such in the applicable federal regulation (Federal Register, Vol. 51, No 114, 13 June, 1986; "Toxicity Characteristic Leaching Procedure (TCLP)"). This regulation states that if the total analysis procedure does not find analyte concentrations above the detection limit for this method in the sample, then performance of the full TCLP procedure is not required.

For these samples, the analysis for total herbicides showed all analytes were less than the method's detection limits. Therefore, the laboratory is in compliance with the requirements for Plant 78.

Also note that sample holding times for the TCLP procedure have not been specified yet. Some of these samples were held by the laboratory for approximately one month before analysis, but since no requirements exist for this analysis, this is acceptable.

If you have any questions on this matter, please contact me at your earliest convenience.

CC: Doyce Blair

Date: January 23, 1989

To: Christine Drier

From: Kenneth Dahlin

Subject: Discussion of Deficiency with Plant 78 Data Package D549

The purpose of this memo is to inform you of a problem with the above referenced Plant 78 data lot that was uncovered during my review of VOA's analysis data contained in the lot. This lot contained VOA's analysis of soils data (methods 8010 & 8020), and contained data for the following samples: P78-S*3, 38, 39, 40, 41, 42, 43, 52, 53, 54, 56, 71, 72, 73, 75, & 76. In addition, confirmation data was presented for samples P78-S*56, 71, 72, 73, 75, 76, & 54.

The problem with this lot is that the confirmation analyses run for samples 54 and 56 were performed one day after holding times had expired. The applicable Air Force requirements specify that confirmation analyses be performed within the method's holding time criteria. It happens that 1,1,1-Trichloroethane was present in concentrations above the reporting limit in these samples, and these concentrations were confirmed with the 2nd column confirmation analysis.

I have reviewed this data in depth, and I feel that this analysis data can be reported to the Air Force without qualification. The second column quantitation for this analyte agrees very well with the value generated with the quantitation column. This is true for all samples that were confirmed by second column analysis. Therefore, the data reported for these two samples has not been significantly compromised to require qualification when reported to the Air Force.

If you have any questions on this subject, please contact me at your earliest convenience.

CC: Doyce Blair

Date: January 18, 1989
To: Christine Drier
From: Kenneth Dahlin KD
Subject: Information on VOA's Analysis for Plant 78

During my review of Plant 78 601 - 602 analysis data, I discovered a point of information that you need to be aware of when you are examining sample results for VOA's analyses. Because the Air Force has added compounds to the 601 - 602 analyte list, there is some co-elution of analytes that are now present that were not a problem previously. In these cases, the laboratory is unable to resolve the co-eluted analytes on the quantitation column. This is not the fault of the analytical method used by the laboratory, but is caused by the attempt to extend the analyte list of the method to include analytes that were never evaluated during method development by the EPA.

The following sets of analytes are co-eluted during the quantitation analysis for these methods:

1. Dichlorodifluoromethane, Vinyl chloride
2. 1,2-Dichloroethane, Dibromomethane
3. Dibromochloromethane, Cis-1,3-propane, 1,1,2-Trichloroethane
4. Bromoform, 1,1,1,2-Trichloroethane
5. 1,1,2,2-Tetrachloroethane, Tetrachloroethylene

Please be aware that since the laboratory is performing a second column confirmation on all analyte hits that are generated on the quantitation column, the laboratory has a means of determining precisely which one of the analytes are present in the sample.

I am bringing this information to your attention so that if I do not catch this co-elution of analytes problem during my review of the data, you might have an opportunity to discover and correct my oversight. The problem will manifest itself by having two analytes in a sample having identical concentration values for the 601 - 602 analysis. This is caused by the analyst inadvertently entering the same peak area for both of the co-eluted analytes. Since I am unable to validate 100% of all the data points that are to be generated for this project, there is a chance that this problem could slip by me for a given sample.

I believe that if enough attention is focused on this possible problem, the chance of erroneous data being reported to the Air Force will be eliminated. If you have any questions on this subject, please contact me at your earliest convenience.

CC: Doyce Blair Robert Fogerty

SAMPLE IDENTIFICATION CROSS-REFERENCE TABLES

EXPLANATION FOR PAGE DESIGNATIONS

- W - WATER 8010/8020, TOTAL HYDROCARBON ANALYSIS**
- S - SOILS 8010/8020, TOTAL HYDROCARBON ANALYSIS**
- WC - WATER SECOND COLUMN CONFIRMATIONS**
- SC - SOILS SECOND COLUMN CONFIRMATIONS**
- T - TCLP ANALYSIS IN SOILS**
- BW - BASE/NEUTRAL ACIDS EXTRACTABLES ANALYSIS IN WATER**
- BS - BASE/NEUTRAL ACIDS EXTRACTABLES ANALYSIS IN SOILS**
- H - HERBICIDES ANALYSIS IN SOILS**

USAF PLANT 78 IRP STAGE 2 PHASE 2
SAMPLE IDENTIFICATION CROSS-REFERENCE
SITE NORTH DRAINAGE DITCH

SITE ID	SAMPLE ID	LAB SAMPLE NUMBER	DESCRIPTION	PAGE
NDD1	NDDSS1	P78-S*8	SURFACE SEDIMENT SAMPLE	1S
	NDDSW1	P78-W*1	SURFACE WATER SAMPLE	1W, 1WC
NDD2	NDDSS2	P78-S*9	SURFACE SEDIMENT SAMPLE	3S
	NDDSW2	P78-W*2	SURFACE WATER SAMPLE	1W, 1WC
NNDDSB1	NDDSB1A	P78-S*10	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	3S
	NDDSB1B	P78-S*11	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	3S, 1SC
NDDSB2	NDDSB2A	P78-S*12	SHALLOW BORING SAMPLE (2.3 Ft. DEPTH)	3S, 1SC
	NDDSB2B	P78-S*13	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	3S
NDDSB3	NDDSB3A	P78-S*14	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	5S
	NDDSB3B	P78-S*15	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	5S
NDDSB4	NDDSB4A	P78-S*16	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	5S
	NDDSB4B	P78-S*17	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	5S
NDDSB5	NDDSB5A	P78-S*18	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	5S
	NDDSB5B	P78-S*19	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	7S
NDDSB6	NDDSB6A	P78-S*20	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	7S
	NDDSB6B	P78-S*21	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	7S
NDDSB7	NDDSB7A	P78-S*22	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	7S
	NDDSB7B	P78-S*23	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	7S
NDDDB1	NDDDB1A	P78-S*1	DEEP BORING SAMPLE (26 Ft. DEPTH)	1S
	NDDDB1A	P78-G-S*1	TCLP SAMPLE	1T
	NDDDB1B	P78-S*2	DEEP BORING SAMPLE (51 Ft. DEPTH)	1S
	NDDDB1B	P78-G-S*2	TCLP SAMPLE	1T
	NDDDB1C	P78-S*3	DEEP BORING SAMPLE (76 Ft. DEPTH)	1S
	NDDDB1D	P78-S*4	DEEP BORING SAMPLE (101 Ft. DEPTH)	1S
	P-3	P78-W*3	GROUND WATER SAMPLE	1W
WELL P-3	P-3	P78-W*28	DUPLICATE SAMPLE OF P78-W*3	11W

USAF PLANT 78 IRP STAGE 2 PHASE 2
SAMPLE IDENTIFICATION CROSS-REFERENCE
SITE E-512 DRAINAGE DITCH

SITE ID	SAMPLE ID	LAB SAMPLE NUMBER	DESCRIPTION	PAGE
E512SW1	E512SWS1	P78-W*5	SURFACE WATER SAMPLE	1W, 1WC
E512SS1	E512SWS1	P78-W*26	DUPPLICATE SAMPLE OF P78-W*5	9W, 7WC
E512SB1	E512SS1	P78-S*31	SURFACE SEDIMENT SAMPLE	11S
	E512SB1A	P78-S*32	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	11S
E512SB2	E512SB1B	P78-S*33	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	11S
	E512SB2A	P78-S*34	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	11S
	E512SB2B	P78-S*35	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	11S
E512SB3	E512SB3A	P78-S*36	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	13S
	E512SB3B	P78-S*37	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	13S
E512B1	E512B1A	P78-S*24	DEEP BORING SAMPLE (26 Ft. DEPTH)	9S
	E512B1A	P78-G-S*3	TCLP SAMPLE	1T
	E512B1B	P78-S*25	DEEP BORING SAMPLE (50 Ft. DEPTH)	9S
	E512B1B	P78-S*83	DUPPLICATE SAMPLE OF P78-S*25	27S
	E512B1B	P78-G-S*4	TCLP SAMPLE	1T
	E512B1C	P78-S*26	DEEP BORING SAMPLE (76 Ft. DEPTH)	9S
	E512B1D	P78-S*27	DEEP BORING SAMPLE (101 Ft. DEPTH)	9S
	E512B1D	P78-S*84	DUPPLICATE SAMPLE OF P78-S*27	29S
	E512B1E	P78-S*28	DEEP BORING SAMPLE (126 Ft. DEPTH)	9S
WELL P-5	P-5	P78-W*6	GROUND WATER SAMPLE	1W

USAF PLANT 78 IRP STAGE 2 PHASE 2
SAMPLE IDENTIFICATION CROSS-REFERENCE
SITE FAUST VALLEY DRAINAGE

SITE ID	SAMPLE I	LAB SAMPLE NUMBER	DESCRIPTION	PAGE
FVDSB1	FVDB1A	P78-S*77	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	25S
	FVDB1B	P78-S*78	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	25S
FVDSS1	FVDSS1	P78-S*71	SURFACE SEDIMENT SAMPLE	23S, 3SC
	FVDSS1	P78-G-S*11	HERBICIDE SAMPLE	1H
FVDSS2	FVDSS2	P78-S*72	SURFACE SEDIMENT SAMPLE	23S, 3SC
	FVDSS2	P78-G-S*12	HERBICIDE SAMPLE	1H
FVDSS3	FVDSS3	P78-S*73	SURFACE SEDIMENT SAMPLE	25S, 3SC
	FVDSS3	P78-G-S*13	HERBICIDE SAMPLE	1H
FVDSS5	FVDSS5	P78-S*75	SURFACE SEDIMENT SAMPLE	25S, 3SC
	FVDSS5	P78-G-S*15	HERBICIDE SAMPLE	1H
FVDSS6	FVDSS6	P78-S*76	SURFACE SEDIMENT SAMPLE	25S, 5SC
	FVDSS6	P78-G-S*16	HERBICIDE SAMPLE	1H
FVDSS8	FVDSS8	P78-S*100	SURFACE SEDIMENT SAMPLE	29S, 7SC
	FDVSS8	P78-S*80	DUPLICATE SAMPLE OF P78-S*100	27S, 5SC
	FDVSS8	P78-G-S*18	HERBICIDE SAMPLE	2H
	FDVSS8	P78-G-S*19	DUPLICATE SAMPLE OF P78-G-S*18	2H
WELL P-1	P-1	P78-W*25	GROUND WATER SAMPLE	9W

USAF PLANT 78 IRP STAGE 2 PHASE 2
SAMPLE IDENTIFICATION CROSS-REFERENCE
SITE BLUE CREEK DRAINAGE

SITE ID	SAMPLE ID	LAB SAMPLE NUMBER	DESCRIPTION	PAGE
BCSB1	BCSB1A	P78-S*38	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	13S
	BCSB1B	P78-S*39	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	13S
BCSB2	BCSB2A	P89-S*40	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	13S
	BCSB2B	P78-S*41	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	15S
BCSB3	BCSB3A	P78-S*42	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	15S
	BCSB3B	P78-S*43	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	15S
BCSB4	BCSB4A	P78-S*44	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	15S
	BCSB4B	P78-S*82	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	27S, 55C
	BCSB4B	P78-S*45	DUPLICATE SAMPLE OF P78-S*44	15S
BCSB5	BCSB5A	P78-S*46	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	17S
	BCSB5B	P78-S*47	SHALLOW BORING SAMPLE (4 Ft. DEPTH)	17S
BCSB6	BCSB6A	P78-S*48	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	17S
	BCSB6B	P78-S*49	SHALLOW BORING SAMPLE (3 Ft. DEPTH)	17S
BCSS1	BCSS1	P78-S*50	SHALLOW BORING SAMPLE (8 Ft. DEPTH)	17S
BCSS2	BCSS2	P78-S*51	SURFACE SEDIMENT SAMPLE	17S
BCSS2	BCSS2	P78-S*51	SURFACE SEDIMENT SAMPLE	19S, 1SC
BCSS3	BCSS3	P78-S*81	DUPLICATE SAMPLE OF P78-S*51	27S, 55C
BCSS4	BCSS4	P78-S*52	SURFACE SEDIMENT SAMPLE	19S
BCSS5	BCSS5	P78-S*53	SURFACE SEDIMENT SAMPLE	19S
BCSS6	BCSS6	P78-S*54	SURFACE SEDIMENT SAMPLE	19S, 1SC
BCSS6	BCSS6	P78-S*55	SURFACE SEDIMENT SAMPLE	19S
BCSS7	BCSS7	P78-S*56	SURFACE SEDIMENT SAMPLE	21S, 1SC
BCSW1	BCSW1	P78-W*7	SURFACE WATER SAMPLE	3W
BCSW2	BCSW2	P78-W*8	SURFACE WATER SAMPLE	3W, 1WC
BCSW3	BCSW3	P78-W*9	SURFACE WATER SAMPLE	3W, 1WC
BCSW4	BCSW4	P78-W*10	SURFACE WATER SAMPLE	3W, 3WC
BCSW5	BCSW5	P78-W*11	SURFACE WATER SAMPLE	3W
BCSW5	BCSW5	P78-W*11	SURFACE WATER SAMPLE	3W
BCSW6	BCSW6	P78-W*27	DUPLICATE SAMPLE OF P78-W*11	9W
BCSW7	BCSW7	P78-W*13	SURFACE WATER SAMPLE	5W, 3WC
BCSW8	BCSW8	P78-W*12	SURFACE WATER SAMPLE	5W, 3WC
BCSW9	BCSW9	P78-W*14	SURFACE WATER SAMPLE	5W, 3WC
BCSW9	BCSW9	P78-W*15	SURFACE WATER SAMPLE	5W, 3WC
BCSW13	BCSW13	P78-W*19	SURFACE WATER SAMPLE	7W, 5WC
BCSW14	BCSW14	P78-W*20	SURFACE WATER SAMPLE	7W, 5WC
BCSW15	BCSW15	P78-W*21	SURFACE WATER SAMPLE	7W, 5WC
BCSW10	BCSW10	P78-W*16	SURFACE WATER SAMPLE	5W, 5WC
BCSW11	BCSW11	P78-W*17	SURFACE WATER SAMPLE	7W, 5WC

USAF PLANT 78 IRP STAGE 2 PHASE 2
SAMPLE IDENTIFICATION CROSS-REFERENCE
SITE M-585 FRENCH DRAIN

SITE ID	SAMPLE ID	LAB SAMPLE NUMBER	DESCRIPTION	PAGE
M-585B1	M585B1A	P78-S*57	DEEP BORING SAMPLE (26 Ft. DEPTH)	21S, 1BS
	M585B1A	P78-G-S*5	TCLP SAMPLE	1T
	M585B1B	P78-S*58	DEEP BORING SAMPLE (52 Ft. DEPTH)	21S, 1BS
	M585B1B	P78-G-S*9	TCLP SAMPLE	3T
	M585B1B	P78-G-S*100	DUPLICATE SAMPLE OF P78-G-S*9	3T
WELL P-6 M-585B2	M585B1C	P78-S*59	DEEP BORING SAMPLE (76 Ft. DEPTH)	21S, 1BS
	M585B1D	P78-S*60	DEEP BORING SAMPLE (90 Ft. DEPTH)	21S, 3SC, 1BS
	M585B1D	P78-S*85	DUPLICATE SAMPLE OF P78-S*60	29S, 5SC
	P-6	P78-W*22	GROUND WATER SAMPLE	7W, 1BW
	M585B2A	P78-S*64	DEEP BORING SAMPLE (26 Ft. DEPTH)	23S, 1BS
WELL P-7 WELL P-2	M585B2B	P78-S*65	DEEP BORING SAMPLE (51 Ft. DEPTH)	23S, 7BS
	M585B2B	P78-S*86	DUPLICATE SAMPLE OF P78-S*65	29S, 7BS
	M585B2C	P78-S*66	DEEP BORING SAMPLE (76 Ft. DEPTH)	23S, 7BS
	P-7	P78-W*23	GROUND WATER SAMPLE	9W, 1BW
	P-2	P78-W*24	GROUND WATER SAMPLE	9W, 1BW

SOIL METHODS AND HOLDING TIMES

SUMMARY OF EXTRACTION AND ANALYSIS DATES

SOILS

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	BENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	TOLUENE SW5030/8020 EXTRACTION ANALYSIS DATE	CHLOROBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	ETHYLBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	BROMOBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	XYLENES, TOTAL SW5030/8020 EXTRACTION ANALYSIS DATE	DICHLOROBENZENE, TOT SW5030/8020 EXTRACTION ANALYSIS DATE
P78-S*1	12/01/88	NDB1A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*2	12/01/88	NDB1B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*3	12/02/88	NDB1C	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*4	12/05/88	NDB1D	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*8	12/01/88	NDBS1	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*9	12/01/88	NDBS2	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*10	12/09/88	NDBS1A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*11	12/09/88	NDBS1B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*12	12/09/88	NDBS2A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*13	12/09/88	NDBS2B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*14	12/10/88	NDBS3A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*15	12/10/88	NDBS3B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*16	12/10/88	NDBS4A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*17	12/10/88	NDBS4B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*18	12/12/88	NDBS5A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*19	12/12/88	NDBS5B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*20	12/10/88	NDBS6A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*21	12/10/88	NDBS6B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*22	12/09/88	NDBS7A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*23	12/09/88	NDBS7B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*24	12/14/88	E1281A	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*25	12/14/88	E1281B	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*26	12/14/88	E1281C	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*27	12/15/88	E1281D	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*28	12/15/88	E1281E	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*31	12/15/88	E125S1	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*32	12/12/88	E125B1A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*33	12/12/88	E125B1B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*34	12/12/88	E125B2A	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*35	12/12/88	E125B2B	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*36	12/13/88	E125B3A	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*37	12/13/88	E125B3B	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*38	12/08/88	BCS81A	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*39	12/08/88	BCS81B	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*40	12/08/88	BCS82A	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*41	12/08/88	BCS82B	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*42	12/08/88	BCS83A	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*43	12/08/88	BCS83B	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*44	12/13/88	BCS84A	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*45	12/13/88	BCS84A	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*46	12/05/88	BCS85A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*47	12/05/88	BCS85B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*48	12/05/88	BCS86A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*49	12/06/88	BCS86B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*50	12/14/88	BCS81	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*51	12/15/88	BCS82	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*52	12/02/88	BCS83	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*53	12/02/88	BCS84	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*54	12/02/88	BCS85	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*55	12/02/88	BCS86	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*56	12/02/88	BCS87	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*57	01/11/89	M585B1A	01/15/89	01/23/89	01/15/89	01/15/89	01/15/89	01/15/89	01/15/89
P78-S*58	01/12/89	M585B1B	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*59	01/12/89	M585B1C	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*60	01/12/89	M585B1D	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CHLOROMETHANE SW5030/8020 EXTRACTION DATE	BROMOMETHANE SW5030/8020 EXTRACTION DATE	VINYL CHLORIDE SW5030/8020 EXTRACTION DATE	CHLOROETHANE SW5030/8020 EXTRACTION DATE	DICHLORODIFLUORO SW5030/8020 EXTRACTION DATE	METHYLENE CHLORIDE SW5030/8020 EXTRACTION DATE	TRICHL. FLUOROMETHANE SW5030/8020 EXTRACTION DATE
P78-S*1	12/01/88	NDB1A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*2	12/01/88	NDB1B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*3	12/02/88	NDB1C	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*4	12/05/88	NDB1D	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*8	12/01/88	NDBS1	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*9	12/01/88	NDBS2	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*10	12/09/88	NDBS1A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*11	12/09/88	NDBS1B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*12	12/09/88	NDBS2A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*13	12/09/88	NDBS2B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*14	12/10/88	NDBS3A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*15	12/10/88	NDBS3B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*16	12/10/88	NDBS4A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*17	12/10/88	NDBS4B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*18	12/12/88	NDBS5A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*19	12/12/88	NDBS5B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*20	12/10/88	NDBS6A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*21	12/10/88	NDBS6B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*22	12/09/88	NDBS7A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*23	12/09/88	NDBS7B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*24	12/14/88	E512B1A	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*25	12/14/88	E512B1B	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*26	12/14/88	E512B1C	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*27	12/15/88	E512B1D	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*28	12/15/88	E512B1E	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*31	12/15/88	E512S1A	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*32	12/12/88	E512S1B	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*33	12/12/88	E512S1C	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*34	12/12/88	E512S1D	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*35	12/12/88	E512S1E	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*36	12/13/88	E512S2A	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*37	12/13/88	E512S2B	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88	12/19/88
P78-S*38	12/08/88	BCS81A	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*39	12/08/88	BCS81B	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*40	12/08/88	BCS82A	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*41	12/08/88	BCS82B	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*42	12/08/88	BCS83A	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*43	12/08/88	BCS83B	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*44	12/13/88	BCS84A	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*45	12/13/88	BCS84A	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*46	12/05/88	BCS85A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*47	12/05/88	BCS85B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*48	12/06/88	BCS86A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*49	12/06/88	BCS86B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*50	12/14/88	BCS81	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*51	12/15/88	BCS82	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*52	12/02/88	BCS83	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*53	12/02/88	BCS84	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*54	12/02/88	BCS85	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*55	12/02/88	BCS86	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*56	12/02/88	BCS87	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*57	01/11/89	M585B1A	01/23/89	01/23/89	01/15/89	01/23/89	01/15/89	01/23/89	01/15/89
P78-S*58	01/12/89	M585B1B	01/25/89	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*59	01/12/89	M585B1C	01/25/89	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*60	01/12/89	M585B1D	01/25/89	01/25/89	NA	01/25/89	NA	01/25/89	NA

[illegible]

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CHLOROBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	1-CHLOROEthane SW5030/8020 EXTRACTION ANALYSIS DATE	BROMOBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	DICHLOROBENZENE TOT. SW5030/8020 EXTRACTION ANALYSIS DATE	HYDROCARBONS, PETROL. SW3550/E4 18.1 EXTRACTION ANALYSIS DATE
P78-S*1	12/01/88	NDB1A		12/07/88			12/05/88
P78-S*2	12/01/88	NDB1B		12/07/88			12/06/88
P78-S*3	12/02/88	NDB1C		12/12/88			12/08/88
P78-S*4	12/05/88	NDB1D		12/07/88			12/09/88
P78-S*8	12/01/88	NDBS1		12/07/88			12/05/88
P78-S*9	12/01/88	NDBS2		12/07/88			12/06/88
P78-S*10	12/09/88	NDBS1A	12/14/88	12/14/88	12/14/88	12/14/88	12/12/88
P78-S*11	12/09/88	NDBS1B	12/14/88	12/14/88	12/14/88	12/14/88	12/13/88
P78-S*12	12/09/88	NDBS2A	12/14/88	12/14/88	12/14/88	12/14/88	12/13/88
P78-S*13	12/09/88	NDBS2B	12/14/88	12/14/88	12/14/88	12/14/88	12/13/88
P78-S*14	12/10/88	NDBS3A	12/14/88	12/14/88	12/14/88	12/14/88	12/14/88
P78-S*15	12/10/88	NDBS3B	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*16	12/10/88	NDBS4A	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*17	12/10/88	NDBS4B	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*18	12/12/88	NDBS5A	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*19	12/12/88	NDBS5B	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*20	12/10/88	NDBS6A	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*21	12/10/88	NDBS6B	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*22	12/09/88	NDBS7A	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*23	12/09/88	NDBS7B	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*24	12/14/88	E51281A	12/19/88	12/19/88	12/19/88	12/19/88	12/22/88
P78-S*25	12/14/88	E51281B	12/19/88	12/19/88	12/19/88	12/19/88	12/23/88
P78-S*26	12/14/88	E51281C	12/19/88	12/19/88	12/19/88	12/19/88	12/23/88
P78-S*27	12/15/88	E51281D	12/19/88	12/19/88	12/19/88	12/19/88	12/23/88
P78-S*28	12/15/88	E51281E	12/19/88	12/19/88	12/19/88	12/19/88	12/23/88
P78-S*31	12/15/88	E5125S1	12/19/88	12/19/88	12/19/88	12/19/88	12/23/88
P78-S*32	12/12/88	E5125B1A	12/19/88	12/19/88	12/19/88	12/19/88	12/23/88
P78-S*33	12/12/88	E5125B1B	12/14/88	12/14/88	12/14/88	12/14/88	12/15/88
P78-S*34	12/12/88	E5125B2A	12/19/88	12/19/88	12/19/88	12/19/88	12/15/88
P78-S*35	12/12/88	E5125B2B	12/19/88	12/19/88	12/19/88	12/19/88	12/15/88
P78-S*36	12/13/88	E5125B3A	12/19/88	12/19/88	12/19/88	12/19/88	12/15/88
P78-S*37	12/13/88	E5125B3B	12/19/88	12/19/88	12/19/88	12/19/88	12/15/88
P78-S*38	12/08/88	BCSB1A		12/12/88	12/22/88	12/19/88	12/23/88
P78-S*39	12/08/88	BCSB1B		12/12/88	12/22/88	12/19/88	12/23/88
P78-S*40	12/08/88	BCSB2A		12/12/88	12/22/88	12/19/88	12/23/88
P78-S*41	12/08/88	BCSB2B		12/12/88	12/22/88	12/19/88	12/23/88
P78-S*42	12/08/88	BCSB3A		12/12/88	12/22/88	12/19/88	12/23/88
P78-S*43	12/08/88	BCSB3B		12/12/88	12/22/88	12/19/88	12/23/88
P78-S*44	12/13/88	BCSB4A	12/18/88	12/18/88	12/24/88	12/18/88	12/23/88
P78-S*45	12/13/88	BCSB4B	12/18/88	12/18/88	12/24/88	12/18/88	12/23/88
P78-S*46	12/05/88	BCSB5A		12/07/88	12/24/88		12/09/88
P78-S*47	12/05/88	BCSB5B		12/07/88	12/24/88		12/09/88
P78-S*48	12/05/88	BCSB6A		12/07/88	12/24/88		12/09/88
P78-S*49	12/06/88	BCSB6B		12/07/88	12/24/88		12/09/88
P78-S*50	12/14/88	BCSS1	12/18/88	12/18/88	12/24/88	12/18/88	12/23/88
P78-S*51	12/15/88	BCSS2	12/18/88	12/18/88	12/24/88	12/18/88	12/23/88
P78-S*52	12/02/88	BCSS3	12/12/88	12/12/88	12/24/88	12/12/88	12/09/88
P78-S*53	12/02/88	BCSS4	12/12/88	12/12/88	12/24/88	12/12/88	12/09/88
P78-S*54	12/02/88	BCSS5	12/12/88	12/12/88	12/24/88	12/12/88	12/09/88
P78-S*55	12/02/88	BCSS6	12/12/88	12/12/88	12/24/88	12/12/88	12/09/88
P78-S*56	12/02/88	BCSS7	12/12/88	12/12/88	12/24/88	12/12/88	12/09/88
P78-S*57	01/11/89	M585B1A	01/15/89	01/15/89	01/23/89	01/15/89	01/26/89
P78-S*58	01/12/89	M585B1B	NA	NA	01/25/89	NA	01/27/89
P78-S*59	01/12/89	M585B1C	NA	NA	01/25/89	NA	01/27/89
P78-S*60	01/12/89	M585B1D	NA	NA	01/25/89	NA	01/27/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	ACENAPHTHENE SW3550/SW8270 EXTRACTION DATE	ACENAPHTHYLENE SW3550/SW8270 EXTRACTION DATE	ACETOPHENONE SW3550/SW8270 EXTRACTION DATE	ANILINE SW3550/SW8270 EXTRACTION DATE	ANTHRACENE SW3550/SW8270 EXTRACTION DATE	4-AMINOBIIPHENOL SW3550/SW8270 EXTRACTION DATE	BENZIDINE SW3550/SW8270 EXTRACTION DATE
P78-S*57	01/11/89	M58581A	01/17/89	01/25/89	01/17/89	01/17/89	01/25/89	01/17/89	01/25/89
P78-S*58	01/12/89	M58581B	01/17/89	01/25/89	01/17/89	01/17/89	01/25/89	01/17/89	01/25/89
P78-S*59	01/12/89	M58581C	01/17/89	01/25/89	01/17/89	01/17/89	01/25/89	01/17/89	01/25/89
P78-S*60	01/12/89	M58581D	01/17/89	01/25/89	01/17/89	01/17/89	01/25/89	01/17/89	01/25/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	BENZO(A)ANTHRACENE SW3550/SW8270	BENZO(B)FLUORANTHENE SW3550/SW8270	BENZO(K)FLUORANTHENE SW3550/SW8270	BENZO(A)PYRENE SW3550/SW8270	BENZO(GHI)PERYLENE SW3550/SW8270	BENZYL ALCOHOL SW3550/SW8270	BENZOIC ACID SW3550/SW8270
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE
P78-S*57	01/11/89	M585BIA	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*58	01/12/89	M585BIB	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*59	01/12/89	M585BIC	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*60	01/12/89	M585BID	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	1-CHLORONAPHTHALENE SW3550/SW8270 EXTRACTION DATE	2-CHLORONAPHTHALENE SW3550/SW8270 EXTRACTION DATE	2-CHLOROPHENOL SW3550/SW8270 EXTRACTION DATE	4-CHLORO-3-METHYL SW3550/SW8270 EXTRACTION DATE	4-CHLOROPHENYLPHENYL SW3550/SW8270 EXTRACTION DATE	CHRYSENE SW3550/SW8270 EXTRACTION DATE	DIBENZO(A, J)ACRIDINE SW3550/SW8270 EXTRACTION DATE
P78-S*57	01/11/89	M585B1A	01/17/89	01/25/89	01/17/89	01/17/89	01/17/89	01/17/89	01/17/89
P78-S*58	01/12/89	M585B1B	01/17/89	01/25/89	01/17/89	01/17/89	01/17/89	01/17/89	01/17/89
P78-S*59	01/12/89	M585B1C	01/17/89	01/25/89	01/17/89	01/17/89	01/17/89	01/17/89	01/17/89
P78-S*60	01/12/89	M585B1D	01/17/89	01/25/89	01/17/89	01/17/89	01/17/89	01/17/89	01/17/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	DIBEN'(A,H)ANTH'CENE SW3550/SW8270 EXTRACTION ANALYSIS DATE	DIBENZOFLURAN SW3550/SW8270 EXTRACTION ANALYSIS DATE	DI-N-BUTYLPHTHALATE SW3550/SW8270 EXTRACTION ANALYSIS DATE	1,3-DICHLOROBENZENE SW3550/SW8270 EXTRACTION ANALYSIS DATE	1,2-DICHLOROBENZENE SW3550/SW8270 EXTRACTION ANALYSIS DATE	1,4-DICHLOROBENZENE SW3550/SW8270 EXTRACTION ANALYSIS DATE	3-3'-DICHL' BENZIDINE SW3550/SW8270 EXTRACTION ANALYSIS DATE
P78-S*57	01/11/89	M595B1A	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*58	01/12/89	M595B1B	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*59	01/12/89	M595B1C	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*60	01/12/89	M595B1D	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2, 4-DICHLOROPHENOL SW3550/SW8270	2, 6-DICHLOROPHENOL SW3550/SW8270	DIETHYLPHTHALATE SW3550/SW8270	P-DIMETHYLAMINOAZOBENZENE SW3550/SW8270	7, 12-DIMETHYLBENZ(A) SW3550/SW8270	A- A-DIMETHYLPHENETHYLENE SW3550/SW8270	2, 4-DIMETHYLPHENOL SW3550/SW8270
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE
P78-S*57	01/11/89	M585B1A	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*58	01/12/89	M585B1B	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*59	01/12/89	M585B1C	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*60	01/12/89	M585B1D	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89

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SAMPLE NUMBERS	SAMPLING DATE	STATION ID	DI-N-OCTYLPHTHALATE		ETHYL METHANESULFONATE		FLUORANTHENE		FLUORENE		HEXACHLOROBENZENE		HEXACHLOROBUTADIENE		HEXACHLOROCYCLOPENTADIENE		
			SW3550/ SW8270	EXTRACTION DATE	ANALYSIS DATE	SW3550/ SW8270	EXTRACTION DATE	ANALYSIS DATE	SW3550/ SW8270	EXTRACTION DATE	ANALYSIS DATE	SW3550/ SW8270	EXTRACTION DATE	ANALYSIS DATE	SW3550/ SW8270	EXTRACTION DATE	ANALYSIS DATE
P78-S*57	01/11/89	M585B1A		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89
P78-S*58	01/12/89	M585B1B		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89
P78-S*59	01/12/89	M585B1C		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89
P78-S*60	01/12/89	M585B1D		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2-METHYLNAPHTHALENE SH3550/SH8270 EXTRACTION ANALYSIS DATE	NAPHTHALENE SH3550/SH8270 EXTRACTION ANALYSIS DATE	1-NAPHTHYLAMINE SH3550/SH8270 EXTRACTION ANALYSIS DATE	2-NAPHTHYLAMINE SH3550/SH8270 EXTRACTION ANALYSIS DATE	2-NITROANILINE SH3550/SH8270 EXTRACTION ANALYSIS DATE	3-NITROANILINE SH3550/SH8270 EXTRACTION ANALYSIS DATE	4-NITROANILINE SH3550/SH8270 EXTRACTION ANALYSIS DATE
P78-S*57	01/11/89	M585B1A	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*58	01/12/89	M585B1B	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*59	01/12/89	M585B1C	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89
P78-S*60	01/12/89	M585B1D	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89	01/25/89	01/17/89

[illegible]

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SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2-PICOLINE		PRONAMIDE		PYRENE		1,2,4,5-TETRACHL' BENZE		1,2,4-TRICHL' BENZENE		2,3,4,6-TETRACL' PHENOL		2,4,5-TRICHL' PHENOL		
			SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270	EXTRACTION ANALYSIS DATE	SW3550/SMB270
P78-S*57	01/11/89	M585B1A		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89
P78-S*58	01/12/89	M585B1B		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89
P78-S*59	01/12/89	M585B1C		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89
P78-S*60	01/12/89	M585B1D		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89		01/17/89	01/25/89

2,4,6-TRICHL 'PHENOL SW3550/SW8270			
SAMPLE NUMBERS	SAMPLING DATE	STATION ID	EXTRACTION ANALYSIS DATE
P78-S*57	01/11/89	M585B1A	01/17/89 01/25/89
P78-S*58	01/12/89	M585B1B	01/17/89 01/25/89
P78-S*59	01/12/89	M585B1C	01/17/89 01/25/89
P78-S*60	01/12/89	M585B1D	01/17/89 01/25/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	BENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	TOLUENE SW5030/8020 EXTRACTION ANALYSIS DATE	CHLOROBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	ETHYLBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	BROMOBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	XYLENES, TOTAL SW5030/8020 EXTRACTION ANALYSIS DATE	DICHLOROBENZENE, TOT SW5030/8020 EXTRACTION ANALYSIS DATE
P78-S*64	01/19/89	M585B2A	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*65	01/20/89	M585B2B	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*66	01/20/89	M585B2C	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*71	12/07/88	FVDS1	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*72	12/07/88	FVDS2	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*73	12/07/88	FVDS3	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*75	12/07/88	FVDS5	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*76	12/07/88	FVDS6	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*77	12/03/88	FVDS81A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*78	12/15/88	FVDS81B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*79	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*80	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*81	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*82	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*83	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*84	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*85	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*86	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*100	12/15/88	FVDS8	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CHLOROMETHANE SW5030/8020 EXTRACTION ANALYSIS DATE	BROMOMETHANE SW5030/8020 EXTRACTION ANALYSIS DATE	VINYL CHLORIDE SW5030/8020 EXTRACTION ANALYSIS DATE	CHLOROETHANE SW5030/8020 EXTRACTION ANALYSIS DATE	DICHLORODIFLUORO SW5030/8020 EXTRACTION ANALYSIS DATE	METHYLENE CHLORIDE SW5030/8020 EXTRACTION ANALYSIS DATE	TRICHLOROFUOROMETHANE SW5030/8020 EXTRACTION ANALYSIS DATE
P78-S*64	01/19/89	M585B2A	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*65	01/20/89	M585B2B	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*66	01/20/89	M585B2C	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*71	12/07/88	FVDS31	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*72	12/07/88	FVDS32	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*73	12/07/88	FVDS33	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*75	12/07/88	FVDS35	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*76	12/07/88	FVDS36	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*77	12/03/88	FVDS31A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*78	12/03/88	FVDS31B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*79	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*80	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*81	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*82	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*83	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*84	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*85	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*86	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*100	12/15/88	FVDS38	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	1,1'-DICHLOROETHYLENE SW5030/8020 EXTRACTION DATE	1,1'-DICHLOROETHANE SW5030/8020 EXTRACTION DATE	TRANS-1,2-DICHLORO SW5030/8020 EXTRACTION DATE	CHLOROFORM SW5030/8020 EXTRACTION DATE	1,2-DICHLOROETHANE SW5030/8020 EXTRACTION DATE	DIBROMOMETHANE SW5030/8020 EXTRACTION DATE	1,1,1-TRICHLOROETHANE SW5030/8020 EXTRACTION DATE
P78-S*64	01/19/89	M585B2A	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*65	01/20/89	M585B2B	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*66	01/20/89	M585B2C	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*71	12/07/88	FVDS1	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*72	12/07/88	FVDS2	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*73	12/07/88	FVDS3	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*75	12/07/88	FVDS5	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*76	12/07/88	FVDS6	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*77	12/03/88	FVDS1A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*78	12/03/88	FVDS1B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*79	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*80	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*81	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*82	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*83	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*84	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88
P78-S*85	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*86	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*100	12/15/88	FVDS8	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88	12/24/88	12/18/88

SAMPLE	SAMPLING DATE	STATION ID	CARBON TETRACHLORIDE SW5030/8020	BROMOCHLOROMETHANE SW5030/8020	1,2-DICHLOROPROPANE SW5030/8020	TRANS-1,3-DICHLORO SW5030/8020	1,1,2-TRICHL ^E ETHANE SW5030/8020	TRICHOLORETHENE SW5030/8020	DIBROMOCHLOROMETHANE SW5030/8020
			EXTRACTION ANALYSIS DATE	EXTRACTION ANALYSIS DATE	EXTRACTION ANALYSIS DATE	EXTRACTION ANALYSIS DATE	EXTRACTION ANALYSIS DATE	EXTRACTION ANALYSIS DATE	EXTRACTION ANALYSIS DATE
P78-S*64	01/19/89	M585B2A	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*65	01/20/89	M585B2B	01/25/89	01/25/89	NA	01/25/89	NA	01/25/89	01/25/89
P78-S*66	01/20/89	M585B2C	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*71	12/07/88	FVDS51	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*72	12/07/88	FVDS52	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*73	12/07/88	FVDS53	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*75	12/07/88	FVDS55	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*76	12/07/88	FVDS56	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*77	12/03/88	FVDSB1A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*78	12/03/88	FVDSB1B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*79	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*80	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*81	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*82	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*83	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*84	12/15/88	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*85	01/12/89	DUP	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88
P78-S*86	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*87	01/12/89	DUP	NA	01/25/89	NA	01/25/89	NA	01/25/89	NA
P78-S*88	01/12/89	DUP	01/25/89	01/25/89	01/25/89	01/25/89	01/25/89	01/25/89	01/25/89
P78-S*100	12/15/88	FVDS58	12/18/88	12/24/88	12/18/88	12/18/88	12/18/88	12/18/88	12/18/88

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CHLOROBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	1-CHLOROHEXANE SW5030/8020 EXTRACTION ANALYSIS DATE	BROMOBENZENE SW5030/8020 EXTRACTION ANALYSIS DATE	DICHLOROBENZENE, TOT. SW5030/8020 EXTRACTION ANALYSIS DATE	HYDROCARBONS, PETROL. SW3550/E418.1 EXTRACTION ANALYSIS DATE
P78-S*64	01/19/89	M585B2A	NA	01/25/89	NA	01/25/89	01/26/89
P78-S*65	01/20/89	M585B2B	NA	01/25/89	NA	01/25/89	01/26/89
P78-S*66	01/20/89	M585B2C	NA	01/25/89	NA	01/25/89	01/26/89
P78-S*71	12/07/88	FVDS1	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*72	12/07/88	FVDS2	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*73	12/07/88	FVDS3	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*75	12/07/88	FVDS5	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*76	12/07/88	FVDS6	12/12/88	12/12/88	12/12/88	12/12/88	12/12/88
P78-S*77	12/03/88	FVDS1A	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*78	12/03/88	FVDS1B	12/07/88	12/07/88	12/07/88	12/07/88	12/07/88
P78-S*79	12/15/88	DUP	12/18/88	12/24/88	12/07/88	12/07/88	12/07/88
P78-S*80	12/15/88	DUP	12/18/88	12/24/88	12/07/88	12/07/88	12/07/88
P78-S*81	12/15/88	DUP	12/18/88	12/24/88	12/07/88	12/07/88	12/07/88
P78-S*82	12/15/88	DUP	12/18/88	12/24/88	12/07/88	12/07/88	12/07/88
P78-S*83	12/15/88	DUP	12/18/88	12/24/88	12/07/88	12/07/88	12/07/88
P78-S*84	12/15/88	DUP	12/18/88	12/24/88	12/07/88	12/07/88	12/07/88
P78-S*85	01/12/89	DUP	NA	01/25/89	NA	01/25/89	01/26/89
P78-S*86	01/12/89	DUP	NA	01/25/89	NA	01/25/89	01/26/89
P78-S*100	12/15/88	FVDS8	12/18/88	12/24/88	12/07/88	12/07/88	12/22/88

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SAMPLE NUMBERS	SAMPLING DATE	STATION ID	BUTYLBENZYLPHthalate SW3550/SW8270 EXTRACTION DATE	BIS(2-CHLOROETHYL) SW3550/SW8270 EXTRACTION DATE	BIS(2-ETHYLHEXYL) SW3550/SW8270 EXTRACTION DATE	BIS(2-CHL' ISOPROPYL) SW3550/SW8270 EXTRACTION DATE	4-BROMOPHENYLPHENYL SW3550/SW8270 EXTRACTION DATE	4-CHLOROANILINE SW3550/SW8270 EXTRACTION DATE
P78-S*64	01/19/89	M585B2A	01/31/89 02/13/89		01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-S*65	01/20/89	M585B2B	01/31/89 02/13/89		01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-S*66	01/20/89	M585B2C	01/31/89 02/13/89		01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-S*66	01/20/89	DUP	01/31/89 02/13/89		01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	1-CHLORONAPHTHALENE SW3550/SW8270	2-CHLORONAPHTHALENE SW3550/SW8270	2-CHLOROPHENOL SW3550/SW8270	4-CHLORO-3-METHYL SW3550/SW8270	4-CHLOROPHENYLPHENYL SW3550/SW8270	CHRYSENE SW3550/SW8270	DIBENZO(A,J)ACRIDINE SW3550/SW8270
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE
P78-Sw64	01/19/89	M585B2A	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-Sw65	01/20/89	M585B2B	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-Sw66	01/20/89	M585B2C	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-Sw86	01/20/89	DUP	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	DIBEN' (A, H)ANTH'CENE SW3550/SW8270	DIBENZOFLURAN SW3550/SW8270	DI-N-BUTYLPHTHALATE SW3550/SW8270	1,3-DICHLOROBENZENE SW3550/SW8270	1,2-DICHLOROBENZENE SW3550/SW8270	1,4-DICHLOROBENZENE SW3550/SW8270	3-3'-DICHL'BENZIDINE SW3550/SW8270
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE
P78-S*64	01/19/89	M585B2A	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-S*65	01/20/89	M585B2B	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-S*66	01/20/89	M585B2C	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-S*86	01/20/89	DUP	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89

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[illegible]

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2-METHYLNAPHTHALENE SW3550/SW8270	NAPHTHALENE SW3550/SW8270	1-NAPHTHYLAMINE SW3550/SW8270	2-NAPHTHYLAMINE SW3550/SW8270	2-NITROANILINE SW3550/SW8270	3-NITROANILINE SW3550/SW8270L	4-NITROANILINE SW3550/SW8270
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE
P78-S*64	01/19/89	M585B2A	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-S*65	01/20/89	M585B2B	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-S*66	01/20/89	M585B2C	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89
P78-S*86	01/20/89	DUP	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89

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SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2-PICOLINE SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE	PROMAMIDE SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE	PYRENE SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE	1,2,4,5-TETRACHL'BENZE SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE	1,2,4-TRICHL'BENZENE SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE	2,3,4,6-TETRACL'PHENOL SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE	2,4,5-TRICHL'PHENOL SW3550/SW8270 EXTRACTION DATE ANALYSIS DATE
P78-S*64	01/19/89	M585B2A	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-S*65	01/20/89	M585B2B	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-S*66	01/20/89	M585B2C	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-S*86	01/20/89	DUP	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-G-S*16	12/06/88	FVDS56							
P78-G-S*17	12/06/88	FVDS57							
P78-G-S*18	12/15/88	FVDS58							
P78-G-S*19	12/15/88	DUP							

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2,4,6-TRICHL-PHENOL SH3550/SN8270	2,4,5-TP-SILVEX SN8150	2,4,5-T SN8150	DALAPON SN8150	DICAMBA (BANVEL) SN8150	DICHLOROPROP SN8150	DINOSEB SN8150
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE
P78-S*64	01/19/89	M585B2A	01/31/89	02/13/89					
P78-S*65	01/20/89	M585B2B	01/31/89	02/13/89					
P78-S*66	01/20/89	M585B2C	01/31/89	02/13/89					
P78-S*86	01/20/89	DUP	01/31/89	02/13/89					
P78-G-S*16	12/06/88	FVDSS6			12/20/88	12/29/88	12/20/88	12/29/88	12/20/88
P78-G-S*17	12/06/88	FVDSS7			12/20/88	12/29/88	12/20/88	12/29/88	12/20/88
P78-G-S*18	12/15/88	FVDSS8			12/20/88	12/29/88	12/20/88	12/29/88	12/20/88
P78-G-S*19	12/15/88	DUP			12/20/88	12/29/88	12/20/88	12/29/88	12/20/88

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	MCPA SH8150		MCP SH8150	
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE
P78-S*64	01/19/89	M585B2A				
P78-S*65	01/20/89	M585B2B				
P78-S*66	01/20/89	M585B2C				
P78-S*86	01/20/89	DUP				
P78-G-S*16	12/06/88	FVDS6	12/20/88	12/29/88	12/20/88	12/29/88
P78-G-S*17	12/06/88	FVDS7	12/20/88	12/29/88	12/20/88	12/29/88
P78-G-S*18	12/15/88	FVDS8	12/20/88	12/29/88	12/20/88	12/29/88
P78-G-S*19	12/15/88	DUP	12/20/88	12/29/88	12/20/88	12/29/88

WATER METHODS AND HOLDING TIMES

SUMMARY OF EXTRACTION AND ANALYSIS DATES

WATERS

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	BENZENE SW5030/SW8010 EXTRACTION DATE	TOLUENE SW5030/SW8010 EXTRACTION DATE	CHLOROBENZENE SW5030/SW8010 EXTRACTION DATE	ETHYLBENZENE SW5030/SW8010 EXTRACTION DATE	BROMOBENZENE SW5030/SW8010 EXTRACTION DATE	XYLENES, TOTAL SW5030/SW8010 EXTRACTION DATE	DICHLOROBENZENE, TOT SW5030/SW8010 EXTRACTION DATE
P78-W*1	12/01/88	ND0SW1	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*2	12/01/88	ND0SW2	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*3	01/31/89	P-3	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*5	12/15/88	E512SW1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*6	01/24/89	P-5	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*7	12/14/88	BCSNS1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*8	12/14/88	BCSNS2	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*9	12/14/88	BCSNS3	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*10	12/14/88	BCSNS4	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*11	12/14/88	BCSNS5	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*12	12/02/88	BCSNS6	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*13	12/02/88	BCSNS7	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*14	12/02/88	BCSNS8	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*15	12/02/88	BCSNS9	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*16	12/02/88	BCSNS10	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*17	12/02/88	BCSNS11	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*19	12/03/88	BCSNS13	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*20	12/03/88	BCSNS14	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*21	12/03/88	BCSNS15	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*22	01/24/89	P-6	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*23	01/28/89	P-7	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*24	01/29/89	P-2	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*25	02/10/89	P-1	NA	02/13/89	NA	02/13/89	NA	02/13/89	NA
P78-W*26	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*27	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*28	01/31/89	DUP	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RWB*1	12/15/88	RNBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-RWB*2	01/25/89	RNBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RWB*3	01/28/89	RNBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*1	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*2	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*3	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*4	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*5	01/24/89	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*6	01/26/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*7	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*8	01/13/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*9	02/01/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*10	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*11	01/30/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-G-S*1	01/12/89	P4-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	02/02/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/09/89	02/07/89	02/09/89	02/07/89	02/09/89	02/09/89
P78-G-S*100	01/25/89	DUP1	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	02/02/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CHLOROMETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE	BROMOMETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE	VINYL CHLORIDE SH5030/SH8010 EXTRACTION ANALYSIS DATE	CHLOROETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE	DICHLORODIFLUORO SH5030/SH8010 EXTRACTION ANALYSIS DATE	METHYLENE CHLORIDE SH5030/SH8010 EXTRACTION ANALYSIS DATE	TRICHLOROFLUOROMETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE
P78-W*1	12/01/88	NDSM1	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*2	12/01/88	NDSM2	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*3	01/31/89	P-3	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*5	12/15/88	ES12SM1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*6	01/24/89	P-5	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*7	12/14/88	BCSM1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*8	12/14/88	BCSM2	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*9	12/14/88	BCSM3	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*10	12/14/88	BCSM4	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*11	12/14/88	BCSM5	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*12	12/02/88	BCSM6	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*13	12/02/88	BCSM7	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*14	12/02/88	BCSM8	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*15	12/02/88	BCSM9	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*16	12/02/88	BCSM10	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*17	12/02/88	BCSM11	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*19	12/03/88	BCSM13	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*20	12/03/88	BCSM14	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*21	12/03/88	BCSM15	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*22	01/24/89	P-6	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*23	01/28/89	P-7	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*24	01/29/89	P-2	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*25	02/10/89	P-1	NA	02/13/89	NA	02/13/89	NA	02/13/89	NA
P78-W*26	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*27	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*28	01/31/89	DUP	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RMB*1	12/15/88	RWBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-RMB*2	01/25/89	RWBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RMB*3	01/28/89	RWBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*1	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*2	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*3	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*4	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*5	01/24/89	TBLK	NA	12/26/88	NA	12/26/88	NA	01/25/89	NA
P78-TB*6	01/26/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*7	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*8	01/13/89	TBLK	NA	02/02/89	NA	02/02/89	NA	01/25/89	NA
P78-TB*9	02/01/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*10	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*11	01/30/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-G-S*1	01/12/89	P4-TCLP-A			01/13/89	01/16/89		01/13/89	01/16/89
P78-G-S*2	01/12/89	P4-TCLP-B			01/13/89	01/16/89		01/13/89	01/16/89
P78-G-S*3	01/12/89	P5-TCLP-A			01/13/89	01/16/89		01/13/89	01/16/89
P78-G-S*4	01/12/89	P5-TCLP-B			01/13/89	01/16/89		01/13/89	01/16/89
P78-G-S*5	01/25/89	P6-TCLP-A			01/26/89	02/02/89		01/26/89	02/02/89
P78-G-S*9	02/07/89	P7-TCLP-A			02/07/89	02/09/89		02/07/89	02/09/89
P78-G-S*100	01/25/89	DUP1			01/26/89	02/02/89		01/26/89	02/02/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	I, 1'-DICHLOROETHYLENE SH5030/SH8010 EXTRACTION ANALYSIS DATE	I, 1'-DICHLOROETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE	TRANS-1, 2-DICHLORO SH5030/SH8010 EXTRACTION ANALYSIS DATE	CHLOROFORM SH5030/SH8010 EXTRACTION ANALYSIS DATE	I, 2-DICHLOROETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE	DIBROMOMETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE	I, 1, 1-TRICHL' ETHANE SH5030/SH8010 EXTRACTION ANALYSIS DATE
P78-W*1	12/01/88	NDDSH1	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*2	12/01/88	NDDSH2	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*3	01/31/89	P-3	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*5	12/15/88	E512SH1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*6	01/24/89	P-5	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*7	12/14/88	BCSHS1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*8	12/14/88	BCSHS2	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*9	12/14/88	BCSHS3	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*10	12/14/88	BCSHS4	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*11	12/14/88	BCSHS5	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*12	12/02/88	BCSHS6	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*13	12/02/88	BCSHS7	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*14	12/02/88	BCSHS8	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*15	12/02/88	BCSHS9	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*16	12/02/88	BCSHS10	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*17	12/02/88	BCSHS11	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*19	12/03/88	BCSHS13	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*20	12/03/88	BCSHS14	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*21	12/03/88	BCSHS15	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-W*22	01/24/89	P-6	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*23	01/28/89	P-7	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*24	01/29/89	P-2	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-W*25	02/10/89	P-1	NA	02/13/89	NA	02/13/89	NA	02/13/89	NA
P78-W*26	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*27	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-W*28	01/31/89	DUP	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RWB*1	12/15/88	RHBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-RWB*2	01/25/89	RHBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RWB*3	01/28/89	RHBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*1	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*2	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*3	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*4	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*5	01/24/89	TBLK	NA	01/25/89	NA	01/25/89	NA	02/02/89	NA
P78-TB*6	01/26/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*7	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*8	01/13/89	TBLK	NA	02/02/89	NA	01/25/89	NA	02/02/89	NA
P78-TB*9	02/01/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*10	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*11	01/30/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-G-S*1	01/12/89	P4-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	02/02/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/09/89	02/07/89	02/09/89	02/07/89	02/09/89	02/09/89
P78-G-S*100	01/25/89	DUP1	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	02/02/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CARBON TETRACHLORIDE SN5030/SN8010 EXTRACTION ANALYSIS DATE	BROMODICHLOROMETHANE SN5030/SN8010 EXTRACTION ANALYSIS DATE	1,2-DICHLOROPROPANE SN5030/SN8010 EXTRACTION ANALYSIS DATE	TRANS-1,3-DICHLORO SN5030/SN8010 EXTRACTION ANALYSIS DATE	1,1,2-TRICHL'ETHANE SN5030/SN8010 EXTRACTION ANALYSIS DATE	TRICHLOROETHENE SN5030/SN8010 EXTRACTION ANALYSIS DATE	DIBROMOCHLOROMETHANE SN5030/SN8010 EXTRACTION ANALYSIS DATE
P78-M*1	12/01/88	NDDSN1	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*2	12/01/88	NDDSN2	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*3	01/31/89	P-3	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-M*5	12/15/88	E512SN1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*6	01/24/89	P-5	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-M*7	12/14/88	BCSN1	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*8	12/14/88	BCSN2	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*9	12/14/88	BCSN3	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*10	12/14/88	BCSN4	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*11	12/14/88	BCSN5	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*12	12/02/88	BCSN6	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*13	12/02/88	BCSN7	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*14	12/02/88	BCSN8	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*15	12/02/88	BCSN9	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*16	12/02/88	BCSN10	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*17	12/03/88	BCSN11	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*19	12/03/88	BCSN13	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*20	12/03/88	BCSN14	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*21	12/03/88	BCSN15	NA	12/06/88	NA	12/06/88	NA	12/06/88	NA
P78-M*22	01/24/89	P-6	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-M*23	01/28/89	P-7	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-M*24	01/29/89	P-2	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-M*25	02/10/89	P-1	NA	02/13/89	NA	02/13/89	NA	02/13/89	NA
P78-M*26	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*27	12/15/88	DUP	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-M*28	01/31/89	DUP	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RMB*1	12/15/88	RMBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-RMB*2	01/25/89	RMBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-RMB*3	01/28/89	RMBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*1	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*2	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*3	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*4	12/16/88	TBLK	NA	12/26/88	NA	12/26/88	NA	12/26/88	NA
P78-TB*5	01/24/89	TBLK	NA	01/25/89	NA	12/26/88	NA	12/26/88	NA
P78-TB*6	01/26/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*7	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*8	01/13/89	TBLK	NA	01/25/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*9	02/01/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*10	01/31/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-TB*11	01/30/89	TBLK	NA	02/02/89	NA	02/02/89	NA	02/02/89	NA
P78-G-S*1	01/12/89	P4-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/16/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	02/02/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/09/89	02/07/89	02/09/89	02/07/89	02/09/89	02/09/89
P78-G-S*100	01/25/89	DUP1	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	02/02/89

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CHLOROBENZENE SM5030/SM8010 EXTRACTION ANALYSIS DATE	1-CHLOROHEXANE SM45030/SM8010 EXTRACTION ANALYSIS DATE	BROMOBENZENE SM5030/SM8010 EXTRACTION ANALYSIS DATE	DICHLOROBENZENE, TOT. SM5030/SM8010 EXTRACTION ANALYSIS DATE	DISS. SOLIDS E160.1 EXTRACTION ANALYSIS DATE	HYDROCARBONS, PETROL. E418.1 EXTRACTION ANALYSIS DATE	ACRYLONITRILE TCLP EXTRACTION ANALYSIS DATE
P78-W*1	12/01/88	NDDSM1	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*2	12/01/88	NDDSM2	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*3	01/31/89	P-3	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-W*5	12/15/88	E512SM1	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*6	01/24/89	P-5	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-W*7	12/14/88	BCSMS1	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*8	12/14/88	BCSMS2	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*9	12/14/88	BCSMS3	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*10	12/14/88	BCSMS4	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*11	12/14/88	BCSMS5	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*12	12/02/88	BCSMS6	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*13	12/02/88	BCSMS7	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*14	12/02/88	BCSMS8	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*15	12/02/88	BCSMS9	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*16	12/02/88	BCSMS10	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*17	12/02/88	BCSMS11	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*19	12/03/88	BCSMS13	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*20	12/03/88	BCSMS14	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*21	12/03/88	BCSMS15	NA	12/06/88	NA	NA	12/06/88	12/07/88	12/08/88
P78-W*22	01/24/89	P-6	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-W*23	01/28/89	P-7	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-W*24	01/29/89	P-2	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-W*25	02/10/89	P-1	NA	02/13/89	NA	NA	02/13/89	02/13/89	03/01/89
P78-W*26	12/15/88	DUP	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*27	12/15/88	DUP	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-W*28	01/31/89	DUP	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-RMB*1	12/15/88	RMBLK	NA	12/26/88	NA	NA	12/26/88	12/21/88	12/22/88
P78-RMB*2	01/25/89	RMBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-RMB*3	01/28/89	RMBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	02/03/89
P78-TB*1	12/16/88	TBLK	NA	12/26/88	NA	NA	12/26/88	12/26/88	
P78-TB*2	12/16/88	TBLK	NA	12/26/88	NA	NA	12/26/88	12/26/88	
P78-TB*3	12/16/88	TBLK	NA	12/26/88	NA	NA	12/26/88	12/26/88	
P78-TB*4	12/16/88	TBLK	NA	12/26/88	NA	NA	12/26/88	12/26/88	
P78-TB*5	01/24/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-TB*6	01/26/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-TB*7	01/31/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-TB*8	01/13/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-TB*9	02/01/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-TB*10	01/31/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-TB*11	01/30/89	TBLK	NA	02/02/89	NA	NA	02/02/89	02/02/89	
P78-G-S*1	01/12/89	P4-TCLP-A	01/13/89	01/16/89					01/13/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/13/89	01/16/89					01/13/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/13/89	01/16/89					01/13/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/13/89	01/16/89					01/13/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/26/89	02/02/89					01/26/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/09/89					02/07/89
P78-G-S*100	01/25/89	DUP1	01/26/89	02/02/89					01/26/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CARBON DISULFIDE		METHYL ETHYL KETONE		ISOBUTANOL		PYRIDINE	
			TCLP EXTRACTION DATE	ANALYSIS DATE	TCLP EXTRACTION DATE	ANALYSIS DATE	TCLP EXTRACTION DATE	ANALYSIS DATE	TCLP EXTRACTION DATE	ANALYSIS DATE
P78-W*1	12/01/88	NDDSW1								
P78-W*2	12/01/88	NDDSW2								
P78-W*3	01/31/89	P-3								
P78-W*5	12/15/88	E512SW1								
P78-W*6	01/24/89	P-5								
P78-W*7	12/14/88	BCSW1								
P78-W*8	12/14/88	BCSW2								
P78-W*9	12/14/88	BCSW3								
P78-W*10	12/14/88	BCSW4								
P78-W*11	12/14/88	BCSW5								
P78-W*12	12/02/88	BCSW6								
P78-W*13	12/02/88	BCSW7								
P78-W*14	12/02/88	BCSW8								
P78-W*15	12/02/88	BCSW9								
P78-W*16	12/02/88	BCSW10								
P78-W*17	12/02/88	BCSW11								
P78-W*19	12/03/88	BCSW13								
P78-W*20	12/03/88	BCSW14								
P78-W*21	12/03/88	BCSW15								
P78-W*22	01/24/89	P-6								
P78-W*23	01/28/89	P-7								
P78-W*24	01/29/89	P-2								
P78-W*25	02/10/89	P-1								
P78-W*26	12/15/88	DUP								
P78-W*27	12/15/88	DUP								
P78-W*28	01/31/89	DUP								
P78-RMB*1	12/15/88	RMBLK								
P78-RMB*2	01/25/89	RMBLK								
P78-RMB*3	01/28/89	RMBLK								
P78-TB*1	12/16/88	TBLK								
P78-TB*2	12/16/88	TBLK								
P78-TB*3	12/16/88	TBLK								
P78-TB*4	12/16/88	TBLK								
P78-TB*5	01/24/89	TBLK								
P78-TB*6	01/26/89	TBLK								
P78-TB*7	01/31/89	TBLK								
P78-TB*8	01/13/89	TBLK								
P78-TB*9	02/01/89	TBLK								
P78-TB*10	01/31/89	TBLK								
P78-TB*11	01/30/89	TBLK								
P78-G-S*1	01/12/89	P4-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89	01/13/89	01/16/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/09/89	02/07/89	02/09/89	02/07/89	02/09/89	02/07/89	02/09/89
P78-G-S*100	01/25/89	DUP1	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89	01/26/89	02/02/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	ACENAPHTHENE SW3510/SW8270 EXTRACTION DATE	ACENAPHTHYLENE SW3510/SW8270 EXTRACTION DATE	ACETOPHENONE SW3510/SW8270 EXTRACTION DATE	ANILINE SW3510/SW8270 EXTRACTION DATE	ANTHRACENE SW3510/SW8270 EXTRACTION DATE	4-AMINOBIPHENOL SW3510/SW8270 EXTRACTION DATE	BENZIDINE SW3510/SW8270 EXTRACTION DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RMB*2	01/25/89	RMBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RMB*3	01/28/89	RMBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A							
P78-G-S*2	01/12/89	P4-TCLP-B							
P78-G-S*3	01/12/89	P5-TCLP-A							
P78-G-S*4	01/12/89	P5-TCLP-B							
P78-G-S*5	01/25/89	P6-TCLP-A							
P78-G-S*9	02/07/89	P7-TCLP-A							
P78-G-S*100	01/25/89	DUP1							

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	BENZO(A)ANTHRACENE SM3510/SM8270 EXTRACTION ANALYSIS DATE	BENZO(B)FLUORANTHENE SM3510/SM8270 EXTRACTION ANALYSIS DATE	BENZO(K)FLUORANTHENE SM3510/SM8270 EXTRACTION ANALYSIS DATE	BENZO(A)PYRENE SM3510/SM8270 EXTRACTION ANALYSIS DATE	BENZO(GH)PERYLENE SM3510/SM8270 EXTRACTION ANALYSIS DATE	BENZYL ALCOHOL SM3510/SM8270 EXTRACTION ANALYSIS DATE	BENZOIC ACID SM3510/SM8270 EXTRACTION ANALYSIS DATE
P78-M*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-M*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-M*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RMB*2	01/25/89	RMBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RMB*3	01/28/89	RMBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A							
P78-G-S*2	01/12/89	P4-TCLP-B							
P78-G-S*3	01/12/89	P5-TCLP-A							
P78-G-S*4	01/12/89	P5-TCLP-B							
P78-G-S*5	01/25/89	P6-TCLP-A							
P78-G-S*9	02/07/89	P7-TCLP-A							
P78-G-S*100	01/25/89	DUP1							

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	1-CHLORONAPHTHALENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	2-CHLORONAPHTHALENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	2-CHLOROPHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE	4-CHLORO-3-METHYL SW3510/SW8270 EXTRACTION ANALYSIS DATE	4-CHLOROPHENYLPHENYL SW3510/SW8270 EXTRACTION ANALYSIS DATE	CHRYSENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	DIBENZO(A,J)ACRIDINE SW3510/SW8270 EXTRACTION ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RWB*2	01/25/89	RWBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RWB*3	01/28/89	RWBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A							
P78-G-S*2	01/12/89	P4-TCLP-B							
P78-G-S*3	01/12/89	P5-TCLP-A							
P78-G-S*4	01/12/89	P5-TCLP-B							
P78-G-S*5	01/25/89	P6-TCLP-A							
P78-G-S*9	02/07/89	P7-TCLP-A							
P78-G-S*100	01/25/89	DUP1							

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	DIBEN*(A,H)ANTH*CENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	DIBENZOFURAN SW3510/SW8270 EXTRACTION ANALYSIS DATE	D1-N-BUTYLPHTHALATE SW3510/SW8270 EXTRACTION ANALYSIS DATE	1,3-DICHLOROBENZENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	1,2-DICHLOROBENZENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	1,4-DICHLOROBENZENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	3-3'-DICHL*BENZIDINE SW3510/SW8270 EXTRACTION ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RWB*2	01/25/89	RWBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RWB*3	01/28/89	RWBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A				01/12/89 02/12/89	01/12/89 02/12/89	01/12/89 02/12/89	
P78-G-S*2	01/12/89	P4-TCLP-B				01/12/89 01/26/89	01/12/89 01/26/89	01/12/89 01/26/89	
P78-G-S*3	01/12/89	P5-TCLP-A				01/12/89 02/12/89	01/12/89 02/12/89	01/12/89 02/12/89	
P78-G-S*4	01/12/89	P5-TCLP-B				01/12/89 02/13/89	01/12/89 02/13/89	01/12/89 02/13/89	
P78-G-S*5	01/25/89	P6-TCLP-A				01/25/89 02/12/89	01/25/89 02/12/89	01/25/89 02/12/89	
P78-G-S*9	02/07/89	P7-TCLP-A				02/07/89 02/13/89	02/07/89 02/13/89	02/07/89 02/13/89	
P78-G-S*100	01/25/89	DUP1				01/12/89 02/13/89	01/12/89 02/13/89	01/12/89 02/13/89	

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2,4-DICHLOROPHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE	2,6-DICHLOROPHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE	DIEETHYLPHTHALATE SW3510/SW8270 EXTRACTION ANALYSIS DATE	P-DIMETHYLAMINOAZOBE SW3510/SW8270 EXTRACTION ANALYSIS DATE	7,12-DIMETHYLBENZ(A) SW3510/SW8270 EXTRACTION ANALYSIS DATE	A-4-DIMETHYLPHENETH SW3510/SW8270 EXTRACTION ANALYSIS DATE	2,4-DIMETHYLPHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE
P78-H*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-H*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-H*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RHB*2	01/25/89	RMBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RHB*3	01/28/89	RMBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A							
P78-G-S*2	01/12/89	P4-TCLP-B							
P78-G-S*3	01/12/89	P5-TCLP-A							
P78-G-S*4	01/12/89	P5-TCLP-B							
P78-G-S*5	01/25/89	P6-TCLP-A							
P78-G-S*9	02/07/89	P7-TCLP-A							
P78-G-S*100	01/25/89	DUP1							

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	4,6-DINITRO-2-METHYL SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE	DIMETHYLPHTHALATE SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE	2,4-DINITROPHENOL SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE	2,4-DINITROTOLUENE SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE	2,6-DINITROTOLUENE SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE	DIPHENYLAMINE SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE	1,2-DIPHENYLHYDRAZINE SW3510/SW8270 EXTRACTION DATE	ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89
P78-W*23	01/28/89	P-7	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-W*24	01/29/89	P-2	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-RMB*2	01/25/89	RMBLK	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89
P78-RMB*3	01/28/89	RMBLK	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A							01/12/89	02/12/89						
P78-G-S*2	01/12/89	P4-TCLP-B							01/12/89	01/26/89						
P78-G-S*3	01/12/89	P5-TCLP-A							01/12/89	02/12/89						
P78-G-S*4	01/12/89	P5-TCLP-B							01/12/89	02/13/89						
P78-G-S*5	01/25/89	P6-TCLP-A							01/25/89	02/12/89						
P78-G-S*9	02/07/89	P7-TCLP-A							02/07/89	02/13/89						
P78-G-S*100	01/25/89	DUP1							01/12/89	02/13/89						

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	D1-N-OCTYLPHTHALATE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	ETHYL METHANESULFONATE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	FLUORANTHENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	FLUORENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	HEXACHLOROBENZENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	HEXACHLOROBUTADIENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	HEXACHLOROCYCLOPENTADIENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RWB*2	01/25/89	RWBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RWB*3	01/28/89	RWBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A					01/12/89 02/12/89	01/12/89 02/12/89	01/12/89 02/12/89
P78-G-S*2	01/12/89	P4-TCLP-B					01/12/89 01/26/89	01/12/89 01/26/89	01/12/89 01/26/89
P78-G-S*3	01/12/89	P5-TCLP-A					01/12/89 02/12/89	01/12/89 02/12/89	01/12/89 02/12/89
P78-G-S*4	01/12/89	P5-TCLP-B					01/12/89 02/13/89	01/12/89 02/13/89	01/12/89 02/13/89
P78-G-S*5	01/25/89	P6-TCLP-A					01/25/89 02/12/89	01/25/89 02/12/89	01/25/89 02/12/89
P78-G-S*9	02/07/89	P7-TCLP-A					02/07/89 02/13/89	02/07/89 02/13/89	02/07/89 02/13/89
P78-G-S*100	01/25/89	DUP1					01/12/89 02/13/89	01/12/89 02/13/89	01/12/89 02/13/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	HEXACHLOROETHANE SW3510/SW8270		INDENO(1,2,3-CD) SW3510/SW8270		ISOPHORONE SW3510/SW8270		2-METHYL PHENOL SW3510/SW8270		4-METHYL PHENOL SW3510/SW8270		3-METHYLCHOLANTHRENE SW3510/SW8270		METHYL METHANESULFONATE SW3510/SW8270	
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89
P78-W*23	01/28/89	P-7	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-W*24	01/29/89	P-2	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-RWB*2	01/25/89	RWBLC	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89
P78-RWB*3	01/28/89	RWBLC	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A	01/12/89	02/12/89					01/12/89	02/12/89	01/12/89	02/12/89				
P78-G-S*2	01/12/89	P4-TCLP-B	01/12/89	01/26/89					01/12/89	01/26/89	01/12/89	01/26/89				
P78-G-S*3	01/12/89	P5-TCLP-A	01/12/89	02/12/89					01/12/89	02/12/89	01/12/89	02/12/89				
P78-G-S*4	01/12/89	P5-TCLP-B	01/12/89	02/13/89					01/12/89	02/13/89	01/12/89	02/13/89				
P78-G-S*5	01/25/89	P6-TCLP-A	01/25/89	02/12/89					01/25/89	02/12/89	01/25/89	02/12/89				
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/13/89					02/07/89	02/13/89	02/07/89	02/13/89				
P78-G-S*100	01/25/89	DUP1	01/12/89	02/13/89					01/12/89	02/13/89	01/12/89	02/13/89				

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2-METHYLNAPHTHALENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	NAPHTHALENE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	1-NAPHTHYLAMINE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	2-NAPHTHYLAMINE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	2-NITROANILINE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	3-NITROANILINE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE	4-NITROANILINE SW3510/SW8270 EXTRACTION DATE ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RWB*2	01/25/89	RWBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RWB*3	01/28/89	RWBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A							
P78-G-S*2	01/12/89	P4-TCLP-B							
P78-G-S*3	01/12/89	P5-TCLP-A							
P78-G-S*4	01/12/89	P5-TCLP-B							
P78-G-S*5	01/25/89	P6-TCLP-A							
P78-G-S*9	02/07/89	P7-TCLP-A							
P78-G-S*100	01/25/89	DUP1							

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	NITROBENZENE SW3510/SW8270 EXTRACTION ANALYSIS DATE	N-NITROSOPIPERIDINE SW3510/SW8270 EXTRACTION ANALYSIS DATE	2-NITROPHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE	4-NITROPHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE	N-NITROSO-DI-N-BUTYL SW3510/SW8270 EXTRACTION ANALYSIS DATE	N-NITROSODIMETHYLAMINE SW3510/SW8270 EXTRACTION ANALYSIS DATE	N-NITROSODI-N-PROPYL SW3510/SW8270 EXTRACTION ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89	01/31/89 02/13/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-RWB*2	01/25/89	RWBLK	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89	01/31/89 02/11/89
P78-RWB*3	01/28/89	RWBLK	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89	02/01/89 02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A	01/12/89 02/12/89						
P78-G-S*2	01/12/89	P4-TCLP-B	01/12/89 01/26/89						
P78-G-S*3	01/12/89	P5-TCLP-A	01/12/89 02/12/89						
P78-G-S*4	01/12/89	P5-TCLP-B	01/12/89 02/13/89						
P78-G-S*5	01/25/89	P6-TCLP-A	01/25/89 02/12/89						
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89 02/13/89						
P78-G-S*100	01/25/89	DUP1	01/12/89 02/13/89						

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	N-NITROSODIPIC*AMINE SK3510/SR8270		PENTACHLOROPHENOL SK3510/SR8270		PENTACHLOROBENZENE SK3510/SR8270		PENTACHLORONITROBENZEN SK3510/SR8270		PHENACETIN SK3510/SR8270		PHENANTHRENE SK3510/SR8270.		PHENOL SK3510/SR8270	
			EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE	EXTRACTION DATE	ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89	01/31/89	02/13/89
P78-W*23	01/28/89	P-7	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-W*24	01/29/89	P-2	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-RWB*2	01/25/89	RWBK	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89	01/31/89	02/11/89
P78-RWB*3	01/28/89	RWBK	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89	02/01/89	02/12/89
P78-G-S*1	01/12/89	P4-TCLP-A	01/12/89	02/12/89	01/12/89	02/12/89									01/12/89	02/12/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/12/89	01/26/89	01/12/89	01/26/89									01/12/89	01/26/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/12/89	02/12/89	01/12/89	02/12/89									01/12/89	02/12/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/12/89	02/13/89	01/12/89	02/13/89									01/12/89	02/13/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/25/89	02/12/89	01/25/89	02/12/89									01/25/89	02/12/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89	02/13/89	02/07/89	02/13/89									02/07/89	02/13/89
P78-G-S*100	01/25/89	DUP1	01/12/89	02/13/89	01/12/89	02/13/89									01/12/89	02/13/89

[illegible]

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	2,4,6-TRICHL*PHENOL SW3510/SW8270 EXTRACTION ANALYSIS DATE	M-CRESOL TCLP EXTRACTION ANALYSIS DATE	BHC-G (LINDANE) TCLP EXTRACTION ANALYSIS DATE	CHLORDANE TCLP EXTRACTION ANALYSIS DATE	ENDRIN TCLP EXTRACTION ANALYSIS DATE	TOXAPHENE TCLP EXTRACTION ANALYSIS DATE	HEPTACHLOR TCLP EXTRACTION ANALYSIS DATE
P78-W*22	01/24/89	P-6	01/31/89 02/13/89	01/12/89 02/12/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89
P78-W*23	01/28/89	P-7	02/01/89 02/12/89	01/12/89 01/26/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89
P78-W*24	01/29/89	P-2	02/01/89 02/12/89	01/12/89 02/12/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89
P78-RWB*2	01/25/89	RWBLK	01/31/89 02/11/89	01/12/89 02/13/89	01/26/89 02/01/89	01/26/89 02/01/89	01/26/89 02/01/89	01/26/89 02/01/89	01/26/89 02/01/89
P78-RWB*3	01/28/89	RWBLK	02/01/89 02/12/89	01/12/89 02/13/89	02/08/89 02/17/89	02/08/89 02/17/89	02/08/89 02/17/89	02/08/89 02/17/89	02/08/89 02/17/89
P78-G-S*1	01/12/89	P4-TCLP-A	01/12/89 02/12/89	01/12/89 02/12/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/12/89 01/26/89	01/12/89 01/26/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/12/89 02/12/89	01/12/89 02/12/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89	01/10/89 01/31/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/12/89 02/13/89	01/12/89 02/13/89	01/10/89 02/01/89	01/10/89 02/01/89	01/10/89 02/01/89	01/10/89 02/01/89	01/10/89 02/01/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/25/89 02/12/89	01/25/89 02/12/89	01/26/89 02/01/89	01/26/89 02/01/89	01/26/89 02/01/89	01/26/89 02/01/89	01/26/89 02/01/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/07/89 02/13/89	02/07/89 02/13/89	02/08/89 02/17/89	02/08/89 02/17/89	02/08/89 02/17/89	02/08/89 02/17/89	02/08/89 02/17/89
P78-G-S*100	01/25/89	DUP1	01/12/89 02/13/89	01/12/89 02/13/89	01/10/89 02/01/89	01/10/89 02/01/89	01/10/89 02/01/89	01/10/89 02/01/89	01/10/89 02/01/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	METHOXYCHLOR TCLP EXTRACTION DATE ANALYSIS DATE	2,4-D, TOTAL TCLP EXTRACTION DATE ANALYSIS DATE	2,4,5-TP/SILVEX TCLP EXTRACTION DATE ANALYSIS DATE	MERCURY, TOTAL TCLP EXTRACTION DATE ANALYSIS DATE	ARSENIC, TOTAL TCLP EXTRACTION DATE ANALYSIS DATE	SELENIUM, TOTAL TCLP EXTRACTION DATE ANALYSIS DATE	BARIUM, TOTAL TCLP EXTRACTION DATE ANALYSIS DATE
P78-W*22	01/24/89	P-6							
P78-W*23	01/28/89	P-7							
P78-W*24	01/29/89	P-2							
P78-RWB*2	01/25/89	RNBLK							
P78-RWB*3	01/28/89	RNBLK							
P78-G-S*1	01/12/89	P4-TCLP-A	01/10/89	02/23/89	02/23/89	02/09/89	02/09/89	02/09/89	01/24/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/10/89	01/23/89	01/23/89	02/09/89	02/09/89	02/09/89	01/24/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/10/89	01/23/89	01/23/89	02/09/89	02/09/89	02/09/89	01/24/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/10/89	01/23/89	01/23/89	02/09/89	02/09/89	02/09/89	01/24/89
P78-G-S*5	01/25/89	P6-TCLP-A	01/26/89	01/23/89	01/23/89	02/09/89	02/09/89	02/09/89	02/13/89
P78-G-S*9	02/07/89	P7-TCLP-A	02/08/89	02/23/89	02/23/89	02/09/89	02/09/89	02/09/89	02/13/89
P78-G-S*100	01/25/89	DUP1	01/10/89	01/23/89	01/23/89	02/09/89	02/09/89	02/09/89	01/24/89

SAMPLE NUMBERS	SAMPLING DATE	STATION ID	CADMIUM, TOTAL TCLP EXTRACTION DATE	CHROMIUM, TOTAL TCLP EXTRACTION DATE	SILVER, TOTAL TCLP EXTRACTION DATE	LEAD, TOTAL TCLP EXTRACTION DATE	DICHLOROPHENYLACETIC TCLP EXTRACTION DATE	ANALYSIS DATE
P78-W*22	01/24/89	P-6						
P78-W*23	01/28/89	P-7						
P78-W*24	01/29/89	P-2						
P78-RWB*2	01/25/89	RWBLK						
P78-RWB*3	01/28/89	RWBLK						
P78-G-S*1	01/12/89	P4-TCLP-A	01/24/89	01/25/89	01/24/89	01/25/89	02/23/89	02/27/89
P78-G-S*2	01/12/89	P4-TCLP-B	01/24/89	01/25/89	01/24/89	01/25/89	02/23/89	02/27/89
P78-G-S*3	01/12/89	P5-TCLP-A	01/24/89	01/25/89	01/24/89	01/25/89	02/23/89	02/27/89
P78-G-S*4	01/12/89	P5-TCLP-B	01/24/89	01/25/89	01/24/89	01/25/89	02/23/89	02/27/89
P78-G-S*5	01/25/89	P6-TCLP-A	02/13/89	02/20/89	02/13/89	02/20/89		
P78-G-S*9	02/07/89	P7-TCLP-A	02/13/89	02/20/89	02/13/89	02/20/89		
P78-G-S*100	01/25/89	DUP1	01/24/89	01/25/89	01/24/89	01/25/89	02/23/89	02/27/89

50E 5 soil - herbicides

1/6

CONV

PROJECT NUMBER FREE

PROJECT NAME: PLANT 78 SOILS (GNV)

LAB COORD. ANGELA BURCH

P78-G-S

SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*11 FVDSS1	SS	12-7-88	1130	8150-S
*12 FVDSS2	SS	12-7-88	1210/1330	8150-S
*13 FVDSS3	SS	12-7-88	1400	8150-S
*14 FVDSS4	SS			8150-S
*15 FVDSS5	SS	12-7-88	1440	8150-S
*16 FVDSS6	SS	12-6-88	1610	8150-S
*17 FVDSS7	SS	12-6-88	1644	8150-S

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Quinn/Hunter/1995/12-8-88/1251 N. Penn Ods ESE 12/9 1500

2

3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-G-S:

2011

ENV

1/18

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-G-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS (CNV) LAB COORD. ANGELA BURCH

18) SITE/STA HAZ? FRACTIONS(CIRCLE)
FVDS8

DATE TIME PARAMETER LIST
12-15-88 1700 8150-S

DUP

12-15-88 1200 8150-S

TE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

Christine D. Oliver Character ESE 12-16-88 1400 J. L. Allen Dad ESE 12/18 1230

1) PLER: NEXT SHIPMENT NUMBER SAMPLES
2) FIELD NOTES FOR FIELD GROUP P78-G-S: SAMPLE CUSTODIAN: Custody Seals Intact? YES NO

To Garrettsville

2011-5 - TOLP

2/15 GADU

PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS (GNV) LAB COORD. ANGELA BURCH

P78-G-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	P4-TCLP-A	T			TCLP
*2	P4-TCLP-B	T			TCLP
*3	P5-TCLP-A	T			TCLP
*4	P5-TCLP-B	T			TCLP
*5	P6-TCLP-A	T			TCLP
*6	P6-TCLP-B	T	1/13/89	1036	TCLP
*7	P6-TCLP-C	T			TCLP
*8	P6-TCLP-D	T			TCLP
*9	P7-TCLP-A	T			TCLP
*10	P7-TCLP-B	T			TCLP

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Quinn Hunter ESE 1/10/89 1250 V. Freeman D. ESE 1/17 1430
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
OTHER FIELD NOTES FOR FIELD GROUP P78-G-S:

SOILS - TCLP

1/6 GAOV

PROJECT NAME: PLANT 78 SOILS (GNV) LAB COORD. ANGELA BURCH

PROJECT NUMBER: FREE P78-G-S

DATE: 12-7-88 1030

TIME: 1030

PARAMETER LIST: TCLP

HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN

PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)

CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED

CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES

HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN

PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)

CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED

CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES

HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN

PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)

CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED

CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES

HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN

1. Christine D. Drews / Hunter / ESE 12-8-88 / 1251 / 11/2/88 Dds ESE 12/9 1500

SOILS - TCLP

1/18

GNV

PROJECT NUMBER FREE

PROJECT NAME: PLANT 78 SOILS (GNV)

P78-G-S

LAB COORD. ANGELA BURCH

1 SITE/STA HAZ?

FRACTIONS(CIRCLE)

DATE TIME PARAMETER LIST

TCLP

*1 P4-TCLP-A

T

*2 P4-TCLP-B

T

*3 P5-TCLP-A

T

12-16-88 1000 CDD

TCLP

*4 P5-TCLP-B

T

12-16-88 1000 CDD

TCLP

*5 P6-TCLP-A

T

TCLP

*6 P6-TCLP-B

T

TCLP

*7 P6-TCLP-C

T

TCLP

*8 P6-TCLP-D

T

TCLP

*9 P7-TCLP-A

T

TCLP

*10 P7-TCLP-B

T

TCLP

OTE

CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Dreier / Hunter BDE 12-16-88 1400 N. Penn. 208 ESE 12/18 1230

2

3

AMPLER: NEXT SHIPMENT

NUMBER SAMPLES

OTHER FIELD NOTES FOR FIELD GROUP P78-G-S: SAMPLE CUSTODIAN: Custody Seals Intact? YES NO

100 Dup 1 - TCLP DUPLICATE 12-16-88

(T)

SE 5 WATER (herbicide) GNV 2/15

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-G-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

SE # 425 SITE/STA HAZ? W FRACTIONS(CIRCLE) W DATE 2/10/89 TIME 1430 PARAMETER LIST 8150-W

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 K. J. West HUNTER-ESE 2-10-89 1740 V. Pem DD ESE 2-12 1000

2

3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-G-W:

sample logged in as P78-G-W*1

SITE 5 WATER

DENVER

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

SE # SITE/STA HAZ? FRACTIONS (CIRCLES) DATE TIME PARAMETER LIST

*25 P-1 O V V V V V V V 2/10/89 1430

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

REINQUIRED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 *[Signature]* / HUNTER-ESE / 2-10-89 / 1740 *[Signature]* / Hunter-ESE / 2-11-89 / 1040

2

3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB				PARAMETER LIST	
ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	
*1	TBLK	V V V			
*2	TBLK	V V V			
*3	TBLK	V V V			
*4	TBLK	V V V			
*5	TBLK	V V V			
*6	TBLK	V V V			
*7	TBLK	V V V			
*8	TBLK	V V V			
*9	TBLK	V V V			
*10	TBLK	V V V			
*11	TBLK	V V V	1-30-89	1050	

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Dresser Hunter/ESE 1-30-89 1050 Hunter/ESE 1/30/89 1100
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

Angela - we had a problem w/ Freezing in our storage
space and lost some of our trip blanks. I only have
2 vials for all the ones I have left.
-Christine

ONE FRACTION ARRIVED WITH AIR BUBBLES

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	TBLK	V V V			
*2	TBLK	V V V			
*3	TBLK	V V V			
*4	TBLK	V V V			
*5	TBLK	V V V			
*6	TBLK	V V V			
*7	TBLK	V V V			
*8	TBLK	V V V			
*9	TBLK	V V V			
*10	TBLK	V V V			
*11	TBLK	V V V			

NOTE

- CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 *Christine A. Davis* *Hudson, NJ* *1-30-89* *1050* *B-241911A* *Hudson, NJ* *1/31/89* *1100*
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES ___ NO ___
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

SITE 41 WATERS

DENVER

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

SE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*22	P-6	O V V W C V V			
*23	P-7	O V V V W C V V	1-28-89	1700	
*24	P-2	O V V V W C V V	1-29-89	1720	

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I=IGNITABLE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Denver Hazard/ESE 1-30-89 1050 Kin 24.111 HURVER/E.S.E. 1/31/89 1100
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

ENVIRONMENTAL SCIENCE & ENGINEERING
PROJECT NUMBER

12-02-88

PROJECT NAME: PLANT 78

*** FIELD LOGSHEET ***

FIELD GROUP: P78-TB
LAB COORD. ANGELA BURCH

ESE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

*1 TBLK V V V

*2 TBLK V V V

*3 TBLK V V V

*4 TBLK V V V

*5 TBLK V V V

*6 TBLK V V V

*7 TBLK V V V

*8 TBLK V V V

*9 TBLK V V V

*10 TBLK V V V

*11 TBLK V V V

NOTE

- CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Green / Hunter-ESE 1-31-89 1230
2
3

SAMPLER: NEXT SHIPMENT

NUMBER SAMPLES

OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

SAMPLE CUSTODIAN: Custody Seals Intact? YES NO

WATEK

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
 OBJECT NUMBER 99003-0100-171 PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
6	DUP	O V V V W C V V			P78-W
7	DUP	O V V V W C V V			P78-W
8	DUP	O V V V W C V V	1-31-89	1030	P78-W

-CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 -CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 -HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
 -PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

Christine D. Green Hunter/ESE 1-31-89 1230 K. M. Hunter/E.S.E. 2/1/89 1030

PLER: NEXT SHIPMENT

NUMBER SAMPLES

ER FIELD NOTES FOR FIELD GROUP P78-W: SAMPLE CUSTODIAN: Custody Seals Intact? YES NO

SIT 1 WATERS

U. JVEK

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

E F	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDDSW1	O V V V W C			
*2	NDDSW2	O V V V W C			
*3	P-3	O V V V W C	1-31-89	1030	
*4	P-4	O V V V W C			

OTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Greener Hunter/ESE 1-31-89 1230 Hunter/ESE 2/1/89 1030
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AMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES__ NO__
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB		FRACTIONS(CIRCLE)		DATE	TIME	PARAMETER LIST
ESE #	SITE/STA HAZ?	TBLK	V	V	V	
*1	TBLK	V	V	V		
*2	TBLK	V	V	V		
*3	TBLK	V	V	V		
*4	TBLK	V	V	V		
*5	TBLK	V	V	V		
*6	TBLK	V	V	V		
*7	TBLK	V	V	V		
*8	TBLK	V	V	V	1/13/89 1138	
*9	TBLK	V	V	V		
*10	TBLK	V	V	V		
*11	TBLK	V	V	V		

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 *[Signature]* / Hunter-ESE / 1-13-89 / 11390 Angela K. Burch / Hunter-ESE / 1-14-89 / 1200
2
3

SAMPLER: NEXT SHIPMENT -----NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES -- NO --
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
OBJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
9	DUP	SS SS SV			P78-S
0	DUP	SS SS SV			P78-S
1	DUP	SS SS SV			P78-S
2	DUP	SS SS SV			P78-S
3	DUP	SS SS SV			P78-S
4	DUP	SS SS SV			P78-S
5	DUP	SS SS SV	1/12/89		P78-S
6	DUP	SS SS SV			P78-S

E - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
Angela Burch 1-13-89 / 1240 Angela Burch 1-14-89 / 1300

PLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
ER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 4 SOILS

DEPUENT

PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESI #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*57	M585B1A	SS (SS) SV	1/11/89	1457	25-26 1/2 ft.
*58	M585B1B	SS (SS) SV	1/12/89	1020	51 1/2 - 53 ft.
*59	M585B1C	SS (SS) SV	1/12/89	1148	75-76 1/2 ft.
*60	M585B1D	SS (SS) SV	1/12/89	1610	89-90 1/2 ft.
*61	M585B1E	SS SS SV			
*62	M585B1F	SS SS SV			
*63	M585B1G	SS SS SV			
*64	M585B2A	SS SS SV			
*65	M585B2B	SS SS SV			
*66	M585B2C	SS SS SV			
*67	M585B2D	SS SS SV			
*68	M585B2E	SS SS SV			
*69	M585B2F	SS SS SV			
*70	M585B2G	SS SS SV			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 - CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 - HAZARD CODES: I=IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
 - PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
 1 *[Signature]* HUNTER-EE / 1-13-89 / 1340 *[Signature]* Angela Burch / 1-14-89 / 1300
 2
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SAMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
 OTHER FIELD NOTES FOR FIELD GROUP P78-S:

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB

ESE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

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*2 TBLK V V V

*3 TBLK V V V

*4 TBLK V V V

*5 TBLK V V V

*6 TBLK V V V 1-25-89 1300

*7 TBLK V V V

*8 TBLK V V V

*9 TBLK V V V 1-25-89 1300 CDA

*10 TBLK V V V

*11 TBLK V V V

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
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-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Brewer - Hunter/ESE 1-25-89 1300 W. J. M. Hunter/ESE 126/89 1015

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SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

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LAB COORD. ANGELA BURCH

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SITE 41 WATERS

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ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W

PROJECT NUMBER FREE

PROJECT NAME: PLANT 78 WATERS

LAB COORD. ANGELA BURCH

P78-W

ESE # SITE/STA HAZ? FRACTIONS (CIRCLE) DATE TIME PARAMETER LIST

*22 P-6

O V V V W C C C C C

24-89 1535

7.48

1288

*23 P-7

O V V V W C

*24 P-2

O V V V W C

NOTE

-CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Querey Hunter/ESE/1-25-89/1300 Hunter/ESE. 1/26/89 1015
2

3

SAMPLER: NEXT SHIPMENT

NUMBER SAMPLES

SAMPLE CUSTODIAN: Custody Seals Intact? YES NO

OTHER FIELD NOTES FOR FIELD GROUP P78-W:

ONE VOA (V) FRACTION ARRIVED WITH AIR BUBBLES. H.M.

~~DEF~~

FIELD GROUP: P78-W
ID. ANGELA BURCH

PARAMETER LIST

7.82 1607

UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED

HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO THE FOLLOWING ADDRESS (IF REQUIRED), HAZARD CODE AND NOTES

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

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SAMPLE CUSTODIAN:	Custody Seals	Intact?	YES	NO

WAS RECEIVED. K.M.

VIROONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-RWB
OBJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

1 RWBLK V V V W W O

2 RWBLK (V) (V) (V) (W) (W) (W) 1-25-89 1130

3 RWBLK V V V W W O

4 -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

Christine O. Green/Hunter/DOE 11-25-89 1300 K. Hunter/K.S.E. 1/26/89 1015

LER: NEXT SHIPMENT

NUMBER SAMPLES

R FIELD NOTES FOR FIELD GROUP P78-RWB: SAMPLE CUSTODIAN: Custody Seals Intact? YES NO

ONE VOA FRACTION ARRIVED WITH BUBBLES. } H.M.
ONLY ONE (W) FRACTION WAS RECEIVED. }

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET ***
PROJECT NUMBER PROJECT NAME: PLANT 78

FIELD GROUP: P78-TB
LAB COORD. ANGELA BURCH

P78-TB

ESE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

*1 TBLK V V V

*2 TBLK V V V

*3 TBLK V V V

*4 TBLK V V V

*5 TBLK (V) (V) (V) 1/23/89 1230

*6 TBLK V V V

*7 TBLK V V V

*8 TBLK V V V

*9 TBLK V V V

*10 TBLK V V V

*11 TBLK V V V

NOTE

-CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Bob Williams / Hunter / ESE / 1-23-89 / 1430
2
3

Monter / ESE / 1/24/89 1030

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

50165

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
79	DUP	SS SV			P78-S
80	DUP	SS SV			P78-S
81	DUP	SS SV			P78-S
82	DUP	SS SV			P78-S
83	DUP	SS SV			P78-S
84	DUP	SS SV			P78-S
85	DUP	SS SV			P78-S
86	DUP	SS SV			P78-S

E - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
Bob Williams / Hunter / ESE 1-23-89 / 1430 Hunter / ESE 1/24/89 1030

PLER: NEXT SHIPMENT --- NUMBER SAMPLES --- SAMPLE CUSTODIAN: Custody Seals Intact? YES -- NO --
ER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 4 SOILS

DENVER

PROJECT NUMBER FREE P78-S PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*57	M585B1A	SS SS SV	1/19/89	1723	25-26 1/2 ft.
*58	M585B1B	SS SS SV	1/20/89	1124	50-51 1/2 ft.
*59	M585B1C	SS SS SV	1/20/89	1535	76 1/2-78 ft.
*60	M585B1D	SS SS SV			
*61	M585B1E	SS SS SV			
*62	M585B1F	SS SS SV			
*63	M585B1G	SS SS SV			
*64	M585B2A	SS SS SV			
*65	M585B2B	SS SS SV			
*66	M585B2C	SS SS SV			
*67	M585B2D	SS SS SV			
*68	M585B2E	SS SS SV			
*69	M585B2F	SS SS SV			
*70	M585B2G	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 -CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 -HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
 -PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
 1. Bob Williams / Hunter / 1-23-89 / 1430
 2. Hunter / ESE / 1/24/89 1030
 3.

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
 OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 1 SOILS

ENVIRONMENTAL SCIENCE & ENGINEERING

11-22-88

*** FIELD LOGSHEET ***

FIELD GROUP: P78-S

PROJECT NUMBER FREE

PROJECT NAME: PLANT 78 SOILS

LAB COORD. ANGELA BURCH

P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDDBLA	SS SS SV			
*2	NDDBLB	SS SS SV			
*3	NDDBLC	SS SS SV			
*4	NDDBLD	SS SS SV			
*5	NDDBLE	SS SS SV			
*6	NDDBLF	SS SS SV			
*7	NDDBLG	SS SS SV			
*8	NDDSSI	SS SS SV			
*9	NDDSS2	SS SS SV			
*10	NDDSB1A	SS SS SV			
*11	NDDSB1R	SS SS SV			
*12	NDDSB2A	SS SS SV			
*13	NDDSB2B	SS SS SV			
*14	NDDSB3A	SS (SS) SV	12-10-88	1015	
*15	NDDSB3B	SS (SS) SV	12-10-88	1055	
*16	NDDSB4A	SS (SS) SV	12-10-88	1356	
*17	NDDSB4B	SS (SS) SV	12-10-88	1440	
*18	NDDSB5A	SS (SS) SV	12-12-88	1215	

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED

-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES

-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN

-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Greenaway 12-13-88 1251 Kim W. H. Hunter/ESE 12/14/88 0930
2 Hunter-ESE
3

SAMPLER: NEXT SHIPMENT

NUMBER SAMPLES

SAMPLE CUSTODIAN: Custody Seals Intact? YES

NO

OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 1 SOILS (cont'd)

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*19	NDDSB5B	SS (SV)	12-12-88	1250	
*20	NDDSB6A	SS (SV)	13-10-88	1150	
*21	NDDSB6B	SS (SV)	13-10-88	1235	
*22	NDDSB7A	SS (SV)	12-9-88	1440	
*23	NDDSB7B	SS (SV)	12-9-88	1750	

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Green Huntley-ESE 12-13-88 1251 Kim M. Howard/ESE 12/14/88 0930
2
3

SAMPLER: NEXT SHIPMENT --- NUMBER SAMPLES --- SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

STE 2 SOILS

DEWUEN

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ES#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*24	E512B1A	SS SS SV			
*25	E512B1B	SS SS SV			
*26	E512B1C	SS SS SV			
*27	E512B1D	SS SS SV			
*28	E512B1E	SS SS SV			
*29	E512B1F	SS SS SV			
*30	E512B1G	SS SS SV			
*31	E512SS1	SS SS SV			
*32	E512SB1A	SS <u>SS</u> (SV)	12-12-88	1440	
*33	E512SB1B	SS <u>SS</u> (SV)	12-12-88	1510	
*34	E512SB2A	SS <u>SS</u> (SV)	12-12-88	1625	
*35	E512SB2B	SS <u>SS</u> (SV)	12-12-88	1710	
*36	E512SB3A	SS <u>SS</u> (SV)	12-13-88	1045	
*37	E512SB3B	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine O. Dewuener Hunter-ESE 12-13-88 1251 H-24-111 Hunter-ESE 12/14/88 0920

2

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SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 5 SOILS

DENUETR

PROJECT NAME: PLANT 78 SOILS

LAB COORD. ANGELA BURCH

P78-S

SE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*71	FVDSS1	SS (SS) SV	12-7-88	1130	
*72	FVDSS2	SS (SS) SV	12-7-88	1330	
*73	FVDSS3	SS (SS) SV	12-7-88	1400	
*74	FVDSS4	SS SS SV			
*75	FVDSS5	SS (SS) SV	12-7-88	1440	
*76	FVDSS6	SS (SS) SV	12-6-88	1610	
*77	FVDSS7	SS SS SV			
*78	FVDSS8	SS SS SV			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
Blumenthal D. Brown / Henderson ESE / 12-9-88 / 12:00 PM / Henderson ESE / 12/12/88 0830

SAMPLER: NEXT SHIPMENT --- NUMBER SAMPLES --- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 3 SOILS

DEPU-1-

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*38	BCSB1A	SS SV SV	12-8-88	1100	
*39	BCSB1B	SS SV SV	12-8-88	1200	
*40	BCSB2A	SS SV SV	12-8-88	1500	
*41	BCSB2B	SS SV SV	12-8-88	1520	
*42	BCSB3A	SS SV SV	12-8-88	1615	
*43	BCSB3B	SS SV SV	12-8-88	1640	
*44	BCSB4A	SS SV SV			
*45	BCSB4B	SS SV SV			
*46	BCSB5A	SS SV SV			
*47	BCSB5B	SS SV SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Rieger Hunter GTE 12-9-88 1224 Kim M. J. M. Hunter E.S.E. 12/12/88 0830
2
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SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 1 SOILS

Denver

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
 PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDDB1A	SS (SS) SV (SV) CDD			
*2	NDDB1B	SS (SS) SV (SV) CDD			
*3	NDDB1C	SS (SS) SV (SV) CDD			
*4	NDDB1D	SS SS SV			
*5	NDDB1E	SS SS SV			
*6	NDDB1F	SS SS SV			
*7	NDDB1G	SS SS SV			
*8	NDDSS1	SS SS SV			
*9	NDDSS2	SS SS SV			
*10	NDDSB1A	SS (SS) SV (SV)	12-9-88	1215	
*11	NDDSB1B	SS (SS) SV (SV)	12-9-88	1310	
*12	NDDSB2A	SS (SS) SV (SV)	12-9-88	1000	
*13	NDDSB2B	SS (SS) SV (SV)	12-9-88	1030	
*14	NDDSB3A	SS SS SV			
*15	NDDSB3B	SS SS SV			
*16	NDDSB4A	SS SS SV			
*17	NDDSB4B	SS SS SV			
*18	NDDSB5A	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 -CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 -HAZARD CODES: I=IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
 -PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine A. Green / Hunter ESE / 12-9-88 1224 Eric W. M. Hunter / E.S.E. 12/12/88 0830
 2
 3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
 OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 3 WATERS

VENUE 1C

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

P78-W

ESE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

*7	BCSWS1	O V V V W C			
*8	BCSWS2	O V V V W C			
*9	BCSWS3	O V V V W C			
*10	BCSWS4	O V V V W C			
*11	BCSWS5	O V V V W C			
*12	BCSWS6	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-2-88 1711	PH = 8.57	sp cond = 6300
*13	BCSWS7	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-2-88 1711	PH = 8.57	sp cond = 6300
*14	BCSWS8	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-2-88 1620	PH = 8.57	sp cond = 5900
*15	BCSWS9	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-2-88 1510	PH = 8.64	sp cond = 6140
*16	BCSWS10	O V V V W C			
*17	BCSWS11	O V V V W C			
*18	BCSWS12	O V V V W C			
*19	BCSWS13	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-3-88 1100	PH = 8.05	sp cond =
*20	BCSWS14	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-3-88 1245	PH = 8.10	sp cond = 5700
*21	BCSWS15	⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙ ⊙	12-3-88 1245	PH = 8.08	sp cond = 3803

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Dreier Hunter/ESE 12-05-88 1030 K. M. Hunter/ESE 12/6/88 1030
2
3

SAMPLER: NEXT SHIPMENT --- NUMBER SAMPLES --- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

SITE 3 WATERS

DENVER

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W

PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

P78-W

IE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*7	BCSWS1	O V V V W C			
*8	BCSWS2	O V V V W C			
*9	BCSWS3	O V V V W C			
*10	BCSWS4	O V V V W C			
*11	BCSWS5	O V V V W C			
*12	BCSWS6	O V V V W C	12-2-88	1711	PH = 8.57 sp cond = 6300
*13	BCSWS7	O V V V W C	12-2-88	1711	PH = 8.57 sp cond = 6300
*14	BCSWS8	O V V V W C	12-2-88	1630	PH = 8.57 sp cond = 5900
*15	BCSWS9	O V V V W C			
*16	BCSWS10	O V V V W C			
*17	BCSWS11	O V V V W C			
*18	BCSWS12	O V V V W C			
*19	BCSWS13	O V V V W C			
*20	BCSWS14	O V V V W C			
*21	BCSWS15	O V V V W C			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 -CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 -HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
 -PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine O. Green Hunter/ESE 12-05-88 1030 H- W. M. Hunter/ESE 12/6/88 1030
 2
 3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES ___ NO ___
 OTHER FIELD NOTES FOR FIELD GROUP P78-W:

SITE 3 SOILS (cont)

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH
PROJECT NUMBER FREE P78-S

USE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*48	BCSB6A	SS SS SV			
*49	BCSB6B	SS SS SV			
*50	BCSS1	SS SS SV			
*51	BCSS2	SS SS SV			
*52	BCSS3	SS SS SV	12-2-88	1711	
*53	BCSS4	SS SS SV	12-2-88	1620	
*54	BCSS5	SS SS SV	12-2-88	1510	
*55	BCSS6	SS SS SV			
*56	BCSS7	SS SS SV	12-3-88	1745	

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Driver Hunter/ESE 12-05-88 1030 Hunter/ESE 12/6/88 1030
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

Devised

SITE 1 SOILS

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDDB1A	SS SS SV			
*2	NDDB1B	SS SS SV			
*3	NDDB1C	SS SS SV	12/2/88	1430	752-77 ft.
*4	NDDB1D	SS SS SV			
*5	NDDB1E	SS SS SV			
*6	NDDB1F	SS SS SV			
*7	NDDB1G	SS SS SV			
*8	NDDSS1	SS SS SV			
*9	NDDSS2	SS SS SV			
*10	NDDSB1A	SS SS SV			
*11	NDDSB1B	SS SS SV			
*12	NDDSB2A	SS SS SV			
*13	NDDSB2B	SS SS SV			
*14	NDDSB3A	SS SS SV			
*15	NDDSB3B	SS SS SV			
*16	NDDSB4A	SS SS SV			
*17	NDDSB4B	SS SS SV			
*18	NDDSB5A	SS SS SV			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)
1 [Signature] / Hunter-ESE / 12-5-88 / 0938 [Signature] Hunter-ESE 12/6/88 1030
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES -- NO --
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 501C5

DENVER

PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*71	FVDS1	SS SS SV			
*72	FVDS2	SS SS SV			
*73	FVDS3	SS SS SV			
*74	FVDS4	SS SS SV			
*75	FVDS5	SS SS SV			
*76	FVDS6	SS SS SV			
*77	FVDS7	SS SS SV	12-3-88	1530	
*78	FVDS8	SS SS SV	12-3-88	1630	

UP GRADIENT FVD

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 -CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 -HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
 -PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine O. Dresser Hunter/ESE 12-6-88 1330 K.W.M. Hunter/E.S.E. 12/2/89 0950
 2
 3

SAMPLER: NEXT SHIPMENT -----NUMBER SAMPLES -----

OTHER FIELD NOTES FOR FIELD GROUP P78-S: -----SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--

Site 3 Soils (cont)

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-00

PROJECT NUMBER FREE

PROJECT NAME: PLANT 78 SOILS

P78-S

ESE # SITE/STA HAZ?

FRACTIONS(CIRCLE)

DATE TIME PARAMETER LIST

12-5-88 1530

12-6-88 1000

DOUG GRAPPIENT FVD

" "

*48

BCSB6A

SS SS SV

*49

BCSB6B

SS SS SV

*50

BCSS1

SS SS SV

*51

BCSS2

SS SS SV

*52

BCSS3

SS SS SV

*53

BCSS4

SS SS SV

*54

BCSS5

SS SS SV

*55

BCSS6

SS SS SV

*56

BCSS7

SS SS SV

NOTE

-CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Cluative D. Davis Hunter/ESE 12-6-88 1330 K. M. M. Hunter/ESE 12/7/88 0950
2
3

SAMPLER: NEXT SHIPMENT

NUMBER SAMPLES

SAMPLE CUSTODIAN: Custody Seals Intact? YES

OTHER FIELD NOTES FOR FIELD GROUP P78-S:

NO

SITE 3 SOILS

DENVER

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

SE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*38	BCSB1A	SS SS SV			
*39	BCSB1B	SS SS SV			
*40	BCSB2A	SS SS SV			
*41	BCSB2B	SS SS SV			
*42	BCSB3A	SS SS SV			
*43	BCSB3B	SS SS SV			
*44	BCSB4A	SS SS SV			
*45	BCSB4B	SS SS SV			
*46	BCSB5A	SS SS SV	12-5-88	1300	600st culvert
*47	BCSB5B	SS SS SV	12-5-88	1450	600st culvert

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Orville Hunter/ESE 12-6-88 1330 12/2/88
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 1 SOILS

DEVELOP

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDDB1A	SS SS SV			
*2	NDDB1B	SS SS SV			
*3	NDDB1C	SS SS SV			
*4	NDDB1D	SS (SS) SV	12/5/88	1256	100-101 1/2 qt.
*5	NDDB1E	SS SS SV			
*6	NDDB1F	SS SS SV			
*7	NDDB1G	SS SS SV			
*8	NDDSS1	SS SS SV			
*9	NDDSS2	SS SS SV			
*10	NDDSB1A	SS SS SV			
*11	NDDSB1B	SS SS SV			
*12	NDDSB2A	SS SS SV			
*13	NDDSB2B	SS SS SV			
*14	NDDSB3A	SS SS SV			
*15	NDDSB3B	SS SS SV			
*16	NDDSB4A	SS SS SV			
*17	NDDSB4B	SS SS SV			
*18	NDDSB5A	SS SS SV			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY: UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Hunter ESE / 12-6-88 / 1245
2 Hunter ESE / 12-6-88 / 1245
3 Hunter ESE / 12-6-88 / 1245

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 3 WATERS

VENUE: -

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

P78-W

USE #	SITE/STA	HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*7	BCSWS1		O V V V W C			
*8	BCSWS2		O V V V W C			
*9	BCSWS3		O V V V W C			
*10	BCSWS4		O V V V W C			
*11	BCSWS5		O V V V W C			
*12	BCSWS6		O V V V W C			
*13	BCSWS7		O V V V W C			
*14	BCSWS8		O V V V W C			
*15	BCSWS9		O V V V W C			
*16	BCSWS10		O V V V W C	12-2-88	1051	ph = 8.44 @ 40c CND = 6630
*17	BCSWS11		O V V V W C	12-2-88	1051	ph = 8.41 @ 40c CND = 6630
*18	BCSWS12		O V V V W C			
*19	BCSWS13		O V V V W C			
*20	BCSWS14		O V V V W C			
*21	BCSWS15		O V V V W C			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)
1 Christina P. Davis 12/3/88 / 1200 Angela Burch 12-3-88 1100
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

Air bubble in 1st 3 vials of #16-V
Air bubble in 2 of 3 vials of #15-V-ACB
17-V

227

FIELD GROUP: P78-W
LAB COORD. ANGELA BURCH

LAB COORD. ANGELA BURCH

PARAMETER LIST

END = 902

12-1-88 1621 Ph = 8.75 @ 25.3°C COND = 6040

BIT CHARACTERS MAY BE USED

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

Mr. C. B. Buhl / Honda ES5 / 12-3-88 / 1400

SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO---

Air bubble in 2nd 3 vials for *1-V

SITE 3 SOILS (cont)

DEMO

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-00 PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH
PROJECT NUMBER FREE

P78-S

SE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

*48	BCSB6A	SS SS SV			
*49	BCSB6B	SS SS SV			
*50	BCSS1	SS SS SV			
*51	BCSS2	SS SS SV			
*52	BCSS3	SS SS SV			
*53	BCSS4	SS SS SV			
*54	BCSS5	SS SS SV			
*55	BCSS6	(SS) (SS) (SV)	12-2-88	1051	
*56	BCSS7	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
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-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Davis 12/2/88 1200 Angela Burch / Hntbese / 12-3-88 / 1400
2
3

SAMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 1 SOILS

Denver

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDB1A	SS SS SV			
*2	NDB1B	SS SS SV			
*3	NDB1C	SS SS SV			
*4	NDB1D	SS SS SV			
*5	NDB1E	SS SS SV			
*6	NDB1F	SS SS SV			
*7	NDB1G	SS SS SV			
*8	NDDSS1	SS SS SV	12-1-88	1540	N/A
*9	NDDSS2	SS SS SV	12-1-88	1621	N/A
*10	NDDSB1A	SS SS SV			
*11	NDDSB1B	SS SS SV			
*12	NDDSB2A	SS SS SV			
*13	NDDSB2B	SS SS SV			
*14	NDDSB3A	SS SS SV			
*15	NDDSB3B	SS SS SV			
*16	NDDSB4A	SS SS SV			
*17	NDDSB4B	SS SS SV			
*18	NDDSB5A	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine O. Greener / Hunter ESE / 12-2-88 / 1200 Angela K. Burch / Hunter ESE / 12-3-88 / 1400
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE 1 SOILS

ENVIRONMENTAL SCIENCE & ENGINEERING

11-22-88

*** FIELD LOGSHEET ***

FIELD GROUP: P78-S

PROJECT NAME: PLANT 78 SOILS

LAB COORD. ANGELA BURCH

P78-S

USE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	NDDB1A	SS(S)SV	12-1-88	1500	25-26-41
*2	NDDB1B	SS(S)SV	12-1-88	1652	52-51-21
*3	NDDB1C	SS SS SV			
*4	NDDB1D	SS SS SV			
*5	NDDB1E	SS SS SV			
*6	NDDB1F	SS SS SV			
*7	NDDB1G	SS SS SV			
*8	NDDSS1	SS SS SV			
*9	NDDSS2	SS SS SV			
*10	NDDSB1A	SS SS SV			
*11	NDDSB1B	SS SS SV			
*12	NDDSB2A	SS SS SV			
*13	NDDSB2B	SS SS SV			
*14	NDDSB3A	SS SS SV			
*15	NDDSB3B	SS SS SV			
*16	NDDSB4A	SS SS SV			
*17	NDDSB4B	SS SS SV			
*18	NDDSB5A	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
 -CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
 -HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
 -PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Angela Burch / 12-2-88 / 1132
 2 Angela Burch / 12-3-88 / 1405
 3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES ___ NO ___
 OTHER FIELD NOTES FOR FIELD GROUP P78-S:

WATER

VENUE

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

P78-W

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*7	BCSWS1	O V V V W C			
*8	BCSWS2	O V V V W C			
*9	BCSWS3	O V V V W C	12-14-88	1500	
*10	BCSWS4	O V V V W C	12-14-88	1750	
*11	BCSWS5	O V V V W C			
*12	BCSWS6	O V V V W C			
*13	BCSWS7	O V V V W C			
*14	BCSWS8	O V V V W C			
*15	BCSWS9	O V V V W C			
*16	BCSWS10	O V V V W C			
*17	BCSWS11	O V V V W C			
*18	BCSWS12	O V V V W C			
*19	BCSWS13	O V V V W C			
*20	BCSWS14	O V V V W C			
*21	BCSWS15	O V V V W C			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Dwyer 12-16-88 1400 Angela Burch / Hum-W. ESE 11-17-88 Jovv

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

VIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-RWB
OBJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST
1 RWBLK V V V W W W 12-15-88 1400
2 RWBLK V V V W W W
3 RWBLK V V V W W W

E - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

Christine D. Brewer Hunter-ESE 12-16-88 1400 Angela Burch Hunter-ESE 12-17-88 1440

PLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
R FIELD NOTES FOR FIELD GROUP P78-RWB:

VENUE, -

NOTE 3 WATERS

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

P78-W

ESE #	SITE/STA HAZ?	FRACTIONS (CIRCLE)			DATE	TIME	PARAMETER LIST
		O	V	W			
*7	BCSWS1	(O)	(V)	(W)	12-14-88	1600	PH = 8.30 spcond = 6090
*8	BCSWS2	(O)	(V)	(W)	12-14-88	1545	PH = 8.30 spcond = 6090
*9	BCSWS3	O	V	V			
*10	BCSWS4	O	V	V			
*11	BCSWS5	(O)	(V)	(W)	12-15-88	1600	PH = 8.36 spcond = 8780
*12	BCSWS6	O	V	V			
*13	BCSWS7	O	V	V			
*14	BCSWS8	O	V	V			
*15	BCSWS9	O	V	V			
*16	BCSWS10	O	V	V			
*17	BCSWS11	O	V	V			
*18	BCSWS12	O	V	V			
*19	BCSWS13	O	V	V			
*20	BCSWS14	O	V	V			
*21	BCSWS15	O	V	V			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Drees/Hunter BTE/12-16-88 1400 Angela Burch/Hunter BTE/12-17-88/1040
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES ___ NO ___
OTHER FIELD NOTES FOR FIELD GROUP P78-W:

2 of 5 vials for #11 have air bubbles

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-W
PROJECT NUMBER 99003-0100-171 PROJECT NAME: PLANT 78 WATERS LAB COORD. ANGELA BURCH

ESE #				FRACTIONS	(CIRCL)	DATE	TIME	PARAMETER LIST
*26	SITE/STA HAZ?	(S) V	V	H- (C)	V	17-15-	P78-W	
	DUP							

*27
 DUP
 12-15-88
 P78-W

*28	DUP	O	V	V	V	W	C	V	V	P78-W
-----	-----	---	---	---	---	---	---	---	---	-------

NOTE

- CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE
- HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY:	(NAME/ORGANIZATION/DATE/TIME)	RECEIVED BY	(NAME/ORGANIZATION/DATE/TIME)
------------------	-------------------------------	-------------	-------------------------------

1 Christine O. Green Hunter EJE 12-16-88 14001 88-71-21/353. 47007/10010

SAMPLER: NEXT SHIPMENT	NUMBER SAMPLES	SAMPLE CUSTODIAN: Custody	Seals Intact?	YES	NO
OTHER FIELD NOTES FOR FIELD GROUP P78-W:					

2 of 45 variables * 27 have air bubble

SITE - SOILS

DENUEE

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

ESP #	SITE/STA HAZ?	FRACTIONS (CIRCLE)	DATE	TIME	PARAMETER LIST
*24	E512B1A	SS (SS) SV	12/14/88	1250	25-26 1/2 ft
*25	E512B1B	SS (SS) SV	12/14/88	1535	50-51 1/2 ft
*26	E512B1C	SS (SS) SV	12/14/88	1725	75-76 1/2 ft
*27	E512B1D	SS SS SV			
*28	E512B1E	SS SS SV			
*29	E512B1F	SS SS SV			
*30	E512B1G	SS SS SV			
*31	E512SS1	SS SS SV			
*32	E512SB1A	SS SS SV			
*33	E512SB1B	SS SS SV			
*34	E512SB2A	SS SS SV			
*35	E512SB2B	SS SS SV			
*36	E512SB3A	SS SS SV			
*37	E512SB3B	SS SS SV			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY: (NAME/ORGANIZATION/DATE/TIME)

1 Angela Burch / Hunterfoss / 12-16-88 / 1040

3

SAMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*24	E512B1A	SS SS SV			
*25	E512B1B	SS SS SV			
*26	E512B1C	SS SS SV			
*27	E512B1D	SS SS SV	12/15/88	12:15	100-101 1/2 ft.
*28	E512B1E	SS SS SV	12/15/88	16:10	125-126 1/2 ft.
*29	E512B1F	SS SS SV			
*30	E512B1G	SS SS SV			
*31	E512SS1	SS SS SV			
*32	E512SB1A	SS SS SV			
*33	E512SB1B	SS SS SV			
*34	E512SB2A	SS SS SV			
*35	E512SB2B	SS SS SV			
*36	E512SB3A	SS SS SV			
*37	E512SB3B	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 J. J. Lindsey / Hunter / 12-16-88 / Angela Burch / Hunter / 12-17-88 / 1040
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES ___ NO ___
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SITE SOILS

07 NOV 88

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S

USE	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*24	E512B1A	SS SS SV			
*25	E512B1B	SS SS SV			
*26	E512B1C	SS SS SV			
*27	E512B1D	SS SS SV			
*28	E512B1E	SS SS SV			
*29	E512B1F	SS SS SV			
*30	E512B1G	SS SS SV			
*31	E512SS1	SS SS SV	12-15-88		
*32	E512SB1A	SS SS SV			
*33	E512SB1B	SS SS SV			
*34	E512SB2A	SS SS SV			
*35	E512SB2B	SS SS SV			
*36	E512SB3A	SS SS SV			
*37	E512SB3B	SS SS SV			

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
Angela Burch 12-17-88/1090

SAMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

STC- SOILS

06 NOV 88

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S		FRACTIONS(CIRCLE)		DATE	TIME	PARAMETER LIST
ES1	SITE/STA HAZ?	SS	SS	SV		
*24	E512B1A	SS	SS	SV		
*25	E512B1B	SS	SS	SV		
*26	E512B1C	SS	SS	SV		
*27	E512B1D	SS	SS	SV		
*28	E512B1E	SS	SS	SV		
*29	E512B1F	SS	SS	SV		
*30	E512B1G	SS	SS	SV		
*31	E512SS1	SS	SS	SV		
*32	E512SB1A	SS	SS	SV		
*33	E512SB1B	SS	SS	SV		
*34	E512SB2A	SS	SS	SV		
*35	E512SB2B	SS	SS	SV		
*36	E512SB3A	SS	SS	SV		
*37	E512SB3B	SS	SS	SV		

12-13-88 1505

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

Angela K Burch Hunter-ESE 12-17-88 1040

SAMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

NOTE 3 SOILS

DEQUE

ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S				PARAMETER LIST
ESI #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME
*38	BCSB1A	SS SS SV		
*39	BCSB1B	SS SS SV		
*40	BCSB2A	SS SS SV		
*41	BCSB2B	SS SS SV		
*42	BCSB3A	SS SS SV		
*43	BCSB3B	SS SS SV		
*44	BCSB4A	SS <u>SS</u> <u>SV</u>	12-13-88	1610
*45	BCSB4B	SS <u>SS</u> <u>SV</u>	12-13-88	1650
*46	BCSB5A	SS SS SV		
*47	BCSB5B	SS SS SV		

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1
2
3

Angela Burch 12-17-88/1040

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

503 3 SOILS (cont.)

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ENVIRONMENTAL SCIENCE & ENGINEERING 11-22-00 PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH
PROJECT NUMBER FREE P78-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*48	BCSB6A	SS SS SV			
*49	BCSB6B	SS SS SV			
*50	BCSS1	SS SS SV	12-14-88	1600	
*51	BCSS2	SS SS SV	12-15-88	1600	
*52	BCSS3	SS SS SV			
*53	BCSS4	SS SS SV			
*54	BCSS5	SS SS SV			
*55	BCSS6	SS SS SV			
*56	BCSS7	SS SS SV			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Angela Burch / ESE / 12-17-88 / 1040
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

2010

SE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*79	DUP	SS SV	12-15-88		P78-S
*80	DUP	SS SV	12-15-88		P78-S
*81	DUP	SS SV	12-15-88		P78-S
*82	DUP	SS SV	12-13-88		P78-S
*83	DUP	SS SV			P78-S
*84	DUP	SS SV			P78-S
*85	DUP	SS SV			P78-S
*86	DUP	SS SV			P78-S

OTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE W-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Angela Burch - 12-17-88 / 1068

AMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

ENVIRONMENTAL SCIENCE & ENGINEERING 12-13-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*79	DUP	SS SS SV			P78-S
*80	DUP	SS SS SV			P78-S
*81	DUP	SS SS SV			P78-S
*82	DUP	SS SS SV			P78-S
*83	DUP	SS SS SV	12-14-88		P78-S
*84	DUP	SS SS SV	12-15-88		P78-S
*85	DUP	SS SS SV			P78-S
*86	DUP	SS SS SV			P78-S

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
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-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Brewer Hunter ESE 12-16-88 1400 Angela Burch Hunter ESE 12-17-88 1040
2
3

SAMPLER: NEXT SHIPMENT ----- NUMBER SAMPLES ----- SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

SIT 5 SOILS

PERUET

PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS LAB COORD. ANGELA BURCH

P78-S		FRACTIONS(CIRCLE)		DATE	TIME	PARAMETER LIST
*71	SITE/STA HAZ?	SS	SS			
*72	FVDSS1	SS	SS			
*73	FVDSS2	SS	SS			
*74	FVDSS3	SS	SS			
*75	FVDSS4	SS	SS			
*76	FVDSS5	SS	SS			
*77	FVDSS6	SS	SS			
*78	FVDSS7	SS	SS			
	FVDSS8	SS	SS			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Angela C. Burch/Hunter-ESE/12-17-88/1040
2
3

SAMPLER: NEXT SHIPMENT NUMBER SAMPLES SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-S:

* 100 FVDSS8 (SS) (SV) 12-15-88 1400

Angela: I previously used the sample number for FVDSS8 FOR A SITE WE ADDED. I then realized that I needed to collect a sample for FVDSS8, so I have numbered it *100, because I don't think there is any other sample with that number.

-Chris

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	TBLK	(V) (V) (V)	12-16-88		
*2	TBLK	V V V			
*3	TBLK	V V V			
*4	TBLK	V V V			
*5	TBLK	V V V			
*6	TBLK	V V V			
*7	TBLK	V V V			
*8	TBLK	V V V			
*9	TBLK	V V V			
*10	TBLK	V V V			
*11	TBLK	V V V			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine O. Breier Hunter ESE 12-16-88 1400 Angela Burch / Hunter ESE 12-17-88 / 1040
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

Are bubbles in 303 vial

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB

ESE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST

*1 TBLK V V V

*2 TBLK (V) (V) 12-16-88

*3 TBLK V V V

*4 TBLK V V V

*5 TBLK V V V

*6 TBLK V V V

*7 TBLK V V V

*8 TBLK V V V

*9 TBLK V V V

*10 TBLK V V V

*11 TBLK V V V

NOTE

- CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
- CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
- HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
- PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine O. Green Hunter ESE 12-16-88 1400 (Burch) Hunter ESE/12-17-88/1040

2

SAMPLER: NEXT SHIPMENT NUMBER SAMPLES --- SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

Available in 2 of 3 vials

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB

ES#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	TBLK	V V V			
*2	TBLK	V V V			
*3	TBLK	V V V			
*4	TBLK	V V V			
*5	TBLK	V V V			
*6	TBLK	V V V			
*7	TBLK	V V V			
*8	TBLK	V V V			
*9	TBLK	V V V			
*10	TBLK	V V V			
*11	TBLK	V V V			

12-16-88

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Duvier / Hunter ESE / 12-16-88 1400 / (A. Burch / Hunter ESE) 12-17-88 / 1040
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES NO
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

Our bubble is one of three vials

ENVIRONMENTAL SCIENCE & ENGINEERING 12-02-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-TB
PROJECT NUMBER PROJECT NAME: PLANT 78 LAB COORD. ANGELA BURCH

P78-TB

ES#	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	TBLK	V V V			
*2	TBLK	V V V			
*3	TBLK	V V V			
*4	TBLK	V V V	12-16-88		
*5	TBLK	V V V			
*6	TBLK	V V V			
*7	TBLK	V V V			
*8	TBLK	V V V			
*9	TBLK	V V V			
*10	TBLK	V V V			
*11	TBLK	V V V			

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)
1 Christine D. Drees Hunter ESE 12-16-88 1400 Angela Burch ESE/12-17-88/1040
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES-- NO--
OTHER FIELD NOTES FOR FIELD GROUP P78-TB:

2 of 3 vials have air bubble

Hunter/ESE, Inc. 12-20-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-G-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS (GNV) LAB COORD.

P78-G-S

SE # SITE/STA HAZ? FRACTIONS(CIRCLE) DATE TIME PARAMETER LIST
*19 SS T DUP 8150-S

TCLP

12-16-88 1000

SS (T)

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY: UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I-IGNITABLE C-CORROSIVE R-REACTIVE T-TOXIC WASTE H-OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Vincent P. M. D. D. FSE 12/20/1400 Hunter/ESE 12/21/88 1015

2

3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES _____ NO _____
OTHER FIELD NOTES FOR FIELD GROUP P78-G-S:

Hunter/ESE, Inc. 12-20-88 *** FIELD LOGSHEET *** FIELD GROUP: P78-G-S
PROJECT NUMBER FREE PROJECT NAME: PLANT 78 SOILS (GNV) LAB COORD.

P78-G-S

SE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	P4-TCLP-A	SS (T)	12-7-88	1050	TCLP
*2	P4-TCLP-B	SS (T)	12-7-88	1030	TCLP
*3	P5-TCLP-A	SS (T)	12-16-88	1000	TCLP
*4	P5-TCLP-B	SS (T)	12-16-88	1000	TCLP
*5	P6-TCLP-A	SS T			TCLP
*6	P6-TCLP-B	SS T			TCLP
*7	P6-TCLP-C	SS T			TCLP
*8	P6-TCLP-D	SS T			TCLP
*9	P7-TCLP-A	SS T			TCLP
*10	P7-TCLP-B	SS T			TCLP
*11	FVDSS1	SS T			8150-S
*12	FVDSS2	SS T			8150-S
*13	FVDSS3	SS T			8150-S
*14	FVDSS4	SS T			8150-S
*15	FVDSS5	SS T			8150-S
*16	FVDSS6	SS T			8150-S
*17	FVDSS7	SS T			8150-S
*18	FVDSS8	SS T			8150-S

NOTE -CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C=CORROSIVE R=REACTIVE T=TOXIC WASTE H=OTHER ACUTE HAZARD; IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME) RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Vancouver Pump Box ESE 12/20 1400 K. Hunter/ESE 12/24/88 1015
2
3

SAMPLER: NEXT SHIPMENT _____ NUMBER SAMPLES _____ SAMPLE CUSTODIAN: Custody Seals Intact? YES _____ NO _____
OTHER FIELD NOTES FOR FIELD GROUP P78-G-S:

SOILS - TCLP

Denver GNV

PROJECT NAME: PLANT 78 SOILS (GNV) LAB COORD. ANGELA BURCH

P78-G-S

ESE #	SITE/STA HAZ?	FRACTIONS(CIRCLE)	DATE	TIME	PARAMETER LIST
*1	P4-TCLP-A	T			TCLP
*2	P4-TCLP-B	T			TCLP
*3	P5-TCLP-A	T			TCLP
*4	P5-TCLP-B	T			TCLP
*5	P6-TCLP-A	<u>T</u>	1/13/89	1036	TCLP
*6	P6-TCLP-B	T			TCLP
*7	P6-TCLP-C	T			TCLP
*8	P6-TCLP-D	T			TCLP
*9	P7-TCLP-A	T			TCLP
*10	P7-TCLP-B	T			TCLP

NOTE - CHANGE OR ENTER SITE ID AS NECESSARY; UP TO 9 ALPHANUMERIC CHARACTERS MAY BE USED
-CIRCLE FRACTIONS COLLECTED. ENTER DATE, TIME, FIELD DATA (IF REQUIRED), HAZARD CODE AND NOTES
-HAZARD CODES: I=IGNITABLE C-CORROSIVE R=REACTIVE T-TOXIC WASTE H=OTHER ACUTE HAZARD: IDENTIFY SPECIFICS IF KNOWN
-PLEASE RETURN LOGSHEETS WITH SAMPLES TO ESE

RELINQUISHED BY: (NAME/ORGANIZATION/DATE/TIME)

RECEIVED BY (NAME/ORGANIZATION/DATE/TIME)

1 Christine D. Quinn Hunter ESE / 1/16/89 1250 H. Hunter/K.E. 1/17/89 1015

3

SAMPLER: NEXT SHIPMENT

NUMBER SAMPLES

SAMPLE CUSTODIAN: Custody Seals Intact? YES

OTHER FIELD NOTES FOR FIELD GROUP P78-G-S: NO

NORTH DRAINAGE DITCH
SAMPLING FORMS

RECORD OF ACTIVITIES AT WELL SITE
FIELD SAMPLING DATA SHEET

Page 1 of 2

Well Number P-3 Location NORTH DRAINAGE Date 1-30-89
Project PLANT 78 Phase II Stage 2 Project No. 89946 Samplers C. DREIER, D. WEST, B. WINTER
Station Elevation Well Stick Up 3.0 Supervisor C. Dreier
Well Depth 84.93 Casing Diameter 4" Water Level (From TOC) 77.7
Gallon Water/Ft. 653 Casing Volume 5961 Screened Interval 61.73 - 82.24
PID Readings (Bkgrnd) 0.03 ppm TOC 25 ppm

FIELD CHEMISTRY

Calibration: Time 1400 pH 7.00 7.05 at 10.8 °C pH 10.00 10.16 at 11.7 °C
Conductance: Standard 1413 umhos/cm at 25 °C Reading 1415 umhos/cm at 25 °C
D.O. Meter: N/A mg/l at N/A °C

Condition of Well GOOD

Time	Pumping Rate gpm	D.O. mg/l	pH	Temp. °C	E.C. umhos/cm at °C	Cum. Vol. of H ₂ O Removed gallons	Casing Volts	PID Reading Loc.	Value	Comments
1520	.59gpm		7.35	8.7	4870	3	INITIAL			SILTY, DEWATERED AT 49.
1600	.99gpm		7.90	10.1	5920	8	1.5	Discharge	4ppm	CLOUDY
1620	.39gpm		7.90	9.4	5960	10	2	" "	5ppm	CLOUDY
1700	.49gpm		8.01	8.6	6780	15	3	" "	7ppm	CLOUDY
1715			7.95	9.8	7330	17.5	3.5	" "		CLOUDY
1725			7.94	9.7	7680	20	4	" "	25ppm	CLOUDY
1735			7.93	10.8	7480	22.5	4.5	" "	20ppm	CLOUDY
1750			8.01	9.7	7660	25+	5	" "	15ppm	CLOUDY

Remarks: WELL PURGED OF 4 CASING VOLUME, DEWATERED, AND PERMITTED TO RECHARGE TO 90% OF STATIC THEN PURGED AGAIN & DEWATERED AND PERMITTED TO RECHARGE OVERNIGHT PRIOR TO SAMPLING

FIELD EQUIPMENT

pH meter Beckman Serial No. 816084
E.C. meter CORTIN MATHESON Serial No. 14274
Pump GRUNDFOS 79gpm Serial No.
Water Level Meter Solinst Serial No.
D.O. Meter N/A Serial No.
Filter Apparatus N/A Filters
Temperature Measure pH METER
Baller Size

SAMPLING DESCRIPTION:

Fractions: V V V V W W DB DC NF C S GCMS Dup.
No. of Bottles
Sample Depth
Field Notebook No.
Sample Method
Discharge H₂O Containerized Yes No.

Checked 3/28/89
RHC

RECORD OF ACTIVITIES AT WELL SITE
FIELD SAMPLING DATA SHEET

Page 2 of 2

Well Number P-3 Location NORTH DRAINAGE DITCH Date 1-31-89
Project Plant 7B Project No. 89946 Samplers C. DREIER R. CHESSON
Station Elevation Well Stick Up 3.0 Supervisor C. Dreier
Well Depth 84.93 Casing Diameter 4" Water Level (From TOC) 77.7
Gallon Water/Ft. .653 Casing Volume 5 gal Screened Interval 61.73 - 82.24
PID Readings (Bkgnd) NOT MEASURED TOC

FIELD CHEMISTRY

Calibration: Time 1000 pH 7.00 at 7.35 °C at 25.3 °C pH 10.00 at 10.80 °C at 25.3 °C
Conductance: Standard 1413 umhos/cm at 25 °C Reading 1413 umhos/cm at 25 °C
D.O. Meter: N/A mg/l at °C

Condition of Well GOOD, LOOKED

Time	Pumping Rate gpm	D.O. mg/l	pH	Temp. °C	E.C. umhos/cm at °C	Cum. Vol. of H ₂ O Removed		PID Reading		Comments
						gallons	Casing Vols.	Loc.	Value	
										5 CASING VOLUMES 25+ gallons DUMPED ON 1-30-89 WELL PERMITTED TO RECHARGE OVERNIGHT
1030			6.78	25.2	5580					CLOUDY

Remarks: COLLECTED DUP SAMPLE P7B-WX28

FIELD EQUIPMENT

pH meter BRAUN Serial No. 016084
E.C. meter CURTIN MATHESON Serial No. 14274
Pump Grundfos 7 gal/min Serial No.
Water Level Meter SOLINST Serial No.
D.O. Meter N/A Serial No.
Filter Apparatus N/A Filters
Temperature Measure PH METER
Bailer Teflon 2" Size 2"
DEDICATED

SAMPLING DESCRIPTION:

Fractions W W DB DC NF S GCMS Dup.
No. of Bottles 7
Sample Depth 80'
Field Notebook No.
Sample Method BAILER
Discharge H₂O Containerized Yes ✓ No.

Checked
3/28/89
RHC

SOIL/SEDIMENT SAMPLING FORM

Station ID NDD B1

Date 12-1-88

Collected by D. West

Sampling Time 1500

ESE Sample Number NDD B1A

Sample Splits Collected for N/A

P78-S*1
P78-G-S*1

Fraction Sampled (SV) (SS)

Visual Appearance of Sample Clay

Sampling Location 25-26 1/2 ft deep

Sampling Method Split spoon (18")

Weather Conditions Now Cold, clear

Precipitation Past Day None

Comments/Remarks

Collected by

[Signature]
Signature

12/1/88
Date

Checked by

[Signature]
Signature

3/28/89
Date

SOIL/SEDIMENT SAMPLING FORM

Station ID NDDBI

Date 12-~~1~~-88 ^{1 CDD}

Collected by D. WEST

Sampling Time 1652

Sample Splits Collected for N/A

ESE Sample Number NDDBI/B
P78-5*2
P78-6-5*2

Fraction Sampled (SV) (SS)

Visual Appearance of Sample clay/silty clay

Sampling Location 50 - 51 1/2 ft deep

Sampling Method split spoon (18")

Weather Conditions Now cold

Precipitation Past Day _____

Comments/Remarks _____

Collected by [Signature] 12/1/88
Signature Date
Checked by [Signature] 3/28/89
Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID NDDBI

Date 12-2-88

Collected by D. West

Sampling Time 1430

ESE Sample Number NDDBI
P78-SX3

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS)

Visual Appearance of Sample Silty clay

Sampling Location 75 1/2 - 77 ft deep

Sampling Method split spoon (18")

Weather Conditions Now cold, clear

Precipitation Past Day none

Comments/Remarks

Collected by [Signature] 12/2/88 Date
Checked by [Signature] 3/28/89 Date

SOIL/SEDIMENT SAMPLING FORM

Station ID NDDBI

Date 12-5-88

Collected by D. West

Sampling Time 1250

ESE Sample Number NDDBI D

Sample Splits Collected for N/A

P78-S*4
*

Fraction Sampled (SV) (SS)

Visual Appearance of Sample silty clay

Sampling Location 100 - 101 1/2 ft deep

Sampling Method split spoon (18")

Weather Conditions Now cold

Precipitation Past Day none

Comments/Remarks harder interval 1 1/6", 2 4/6", 3 1/6"

Some pebbles.

Duplicate sample P78-S*84

Collected by [Signature] 12/5/88 Date

Checked by [Signature] 3/28/89 Date

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PAGE

OF

SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB1Date 12-9-88Sampling Time 1215 / 1310Collected by K. Pierson, D. Henderson,
C. DrueiESE Sample Number P78-S*10
P78-S*11Sample Splits Collected for N/AFraction Sampled (SV) (SS)Visual Appearance of Sample Sandy, silty claySampling Location approximately 50' East of boring NDDB1,
sample collected in ditch above water lineSampling Method hand driven split spoonWeather Conditions Now cold, sunnyPrecipitation Past Day no appreciableComments/Remarks soil highly compactable which reduced
percentage recovery.

11-348

Highway (83)

FENCE

culvert

Sample location

NDDB1

For Klift shed

Collected by

C. Druei12-9-88

Signature

Date

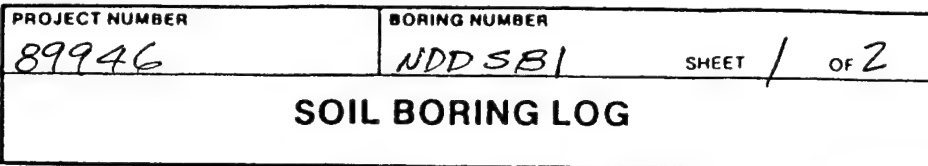
Checked by

[Signature]

Signature

3/27/89

Date



PROJECT Plant 78 LOCATION North Drainage Ditch \approx 50' East
ELEVATION — DRILLING CONTRACTOR N/A of Well P4
DRILLING METHOD AND EQUIPMENT Hand driven split spoon
WATER LEVEL AND DATE 6" ice in ditch, moved START 1138, 12/9/88 FINISH 1330 12/9/88 LOGGER D. Hendrickson
to a bench to avoid water contamination

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2	split spoon	.8' / 1.8'		CL silty; few pieces granule size gravel rock frags; ice in soil; moist, very firm; slightly plastic; clay; structureless; 10YR		low recovery due to high compaction;
	2					3/3 dark brown ↓		actual depth 1.8
	4	2-4	split spoon	1.9' / 2.0'		CL sandy (v. fine - med. grad), silty; lower 12" more sand & silt; 10YR 4/3 brown - dk brown; moist, firm; slightly plastic;		NDDSBIA sample (A) @ 12.5
	4					clay; structureless; 2" @ base gravel w/ clay matrix (2mm - 20mm) and more med. grad sand - silty clay loam ↓		PTB - S * 10
	6	4-6		1.25' / 1.6'		CL sandy (v. fine - fine), silty; 10YR 4/3 brown to dk brown; moist, firm; slightly plastic; structureless; incr. in sand & silt near base;		act. depth = 4.4' TIP = 1.0
	6					silty clay loam; calcareous ↓		actual depth = 6.0'

BORING NUMBER

89946

NDD SB/

SHEET 2 OF 2

SOIL BORING LOG

PROJECT Plant 78

LOCATION North Drainage Ditch \approx 50' East of

ELEVATION

DRILLING CONTRACTOR

N/A

Well P4

DRILLING METHOD AND EQUIPMENT Hand driven Split spoon

WATER LEVEL AND DATE

N/A

START

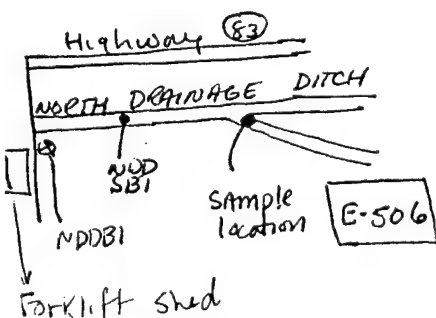
1138 12/9/84 FINIS

9/84
FINISH 1230 12/9/88

LOGGER D. Hendrickson

[illegible]

SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB2Date 12-9-88Collected by C. Dren, K. Larsen, K. PiersonSampling Time 1000/1030
ESE Sample Number P78-S*12 (NDDSB2A)
P78-S*13 (NDDSB2B)Sample Splits Collected for N/AFraction Sampled (SV) (SS)Visual Appearance of Sample silty clay to clayey siltSampling Location at junction of north drainage ditch and tributary ditch north of building E-506, sample collected in ditch.Sampling Method hard driven split spoonWeather Conditions Now cold, sunnyPrecipitation Past Day traceComments/Remarks soil v. moist but no standing water here.Collected by C. Dren 12-9-88
Signature Date
Checked by [Signature] 3/22/89
Signature Date

PROJECT NUMBER

89946

BORING NUMBER

NDDB 20

SHEET 1 OF 2

SOIL BORING LOG

PROJECT P48 Phase II Stage 2

LOCATION

NORTH DRAINAGE DITCH

ELEVATION

DRILLING CONTRACTOR

U/A

NORTH OF BUILDING E-506

DRILLING METHOD AND EQUIPMENT

hand driven split spoon

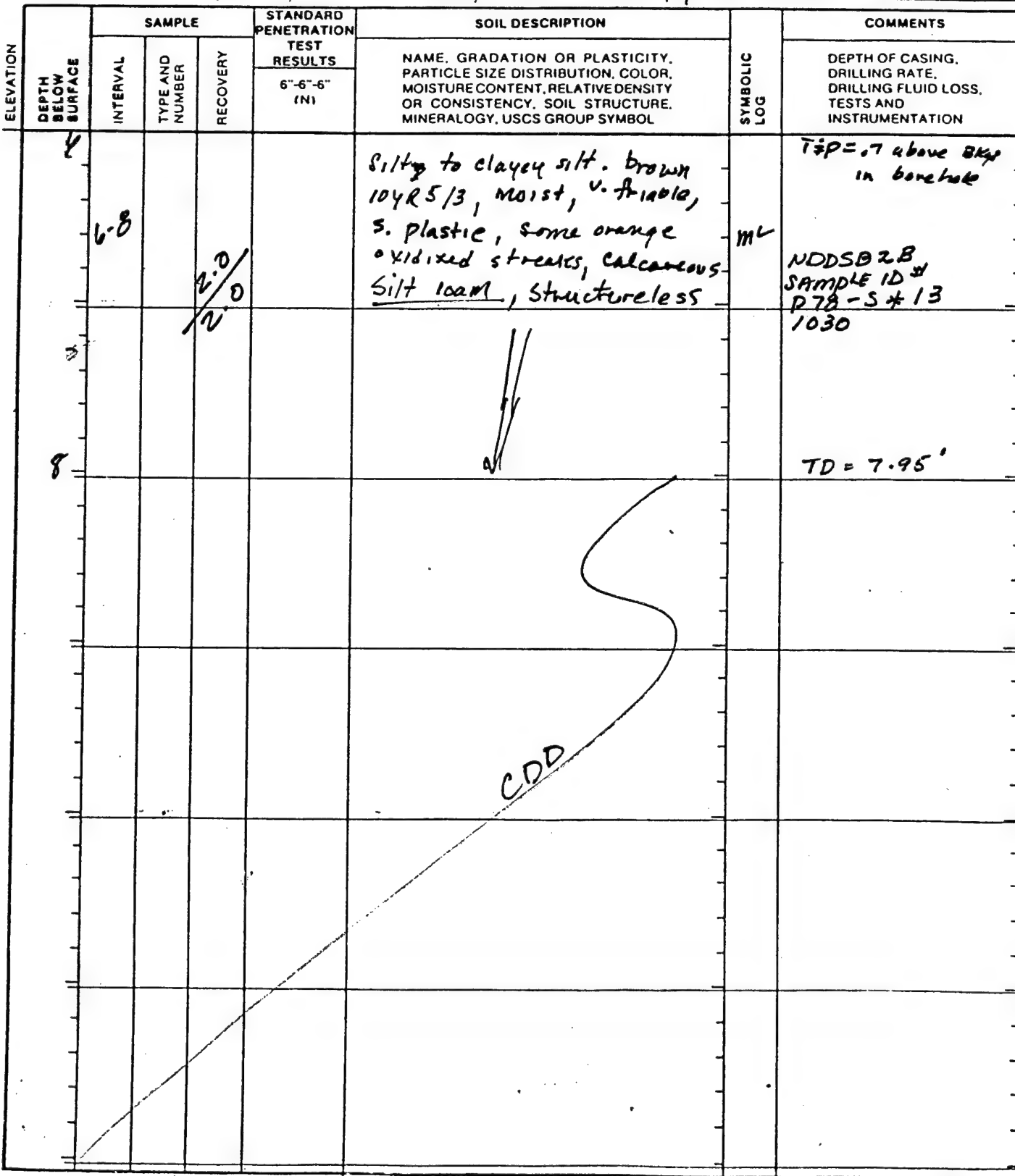
WATER LEVEL AND DATE

STAR *09/12-9/88*

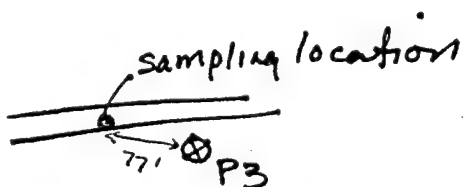
FINISH 12/9/88 1045

LOGGER C. Dreier

ELEVATION	DEPTH BELOW SURFACE	SAMPLE INTERVAL TYPE AND NUMBER RECOVERY	STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
0		0-2 spit spoon 2.3 / 2.3		silty dk yellowish brown oyr #14, moist, frozen, v. friable <u>non-plastic - silt loam</u> Rhizomes, structureless.	ML	tip = 0.7 above bkgd.
1				lower 1.5 ft dk yellowish brown oyr #16, moist, friable <u>silty clay loam</u> , Rhizomes. Calcareous, S. plastic	CL	
2						ACTUAL Depth 2.3'
3		2-4 spit spoon 1.7 / 1.7		Silty clay, dk yellowish brown oyr #16, moist, S. plastic, friable, calcareous	CL	SAMPLE ID# NDDB2A P78-S412 1000
4				Rhizomes. <u>Silt clay loam</u> lower 6" pale brown oyr #13, S. moist silty clay, calcareous; Rhizomes.	ML	tip = 0.2 above bkgd
5					ml	actual 4.2"
						tip = 0.0
6				Same as above w/ some oxidized streaks		actual 5'11"



SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB3Date 12/10/88Collected by D. West, C. Dreier, K. LarsenSampling Time 1015, 1055ESE Sample Number P78-S*14
P78-S*15Sample Splits Collected for N/AFraction Sampled (SV) (SS)Visual Appearance of Sample Sandy (v. fine sand), much less clay & siltSampling Location north drainage ditch 77 ft west of monitor well P-3Sampling Method hand driven split spoonWeather Conditions Now overcast, coldPrecipitation Past Day none, several inches of snow on groundComments/Remarks sample collected from 2-4' spoon and 6-8' spoon.Collected by C. Dreier 12-10-88

Signature

Date

Checked by D. West

Signature

Date

3/22/89



PROJECT NUMBER

89446-0300

BORING NUMBER

NIDDSB3

SHEET 1 OF 2

SOIL BORING LOG

PROJECT PLANT 78 PHASE II STAGE 2LOCATION NORTH DRAINAGE DITCH 77 ft. W of P3

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOONWATER LEVEL AND DATE _____ START 0945 12/10/88 FINISH 1100 12/10/88 LOGGER D. WEST

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6" (IN)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
0		0-2 ft.	SPLIT SPOON	1.8 2.0		ML - loam, non plastic, v.v. fine sand to 45%, silt 2 to 6, varies w/ clay loam @ 1.2 ft - sl. plastic, dark brown 10R 3/3, slightly moist to moist @ 1.2 ft, friable to slightly sticky; structureless, contains 5% dark grains of fine sand size, slightly calcareous; rhizomes	ML	Actual depth = 2.3
1								
2		2-4 ft.	SPLIT SPOON	2.0 2.0		ML - loam, sandy loam, non plastic v.v. fine sand > 60%, varies w/ clay loams in contrasting wet/moist zone at 3.5 ft., clay loams are sl. plastic; mottled dark yellow brown 10R 4/4 to pale brown 10R 6/3; slightly moist to moist (clay loams); friable to sl. sticky (clay loams); structureless, contains 5% dark grains of fine sand size. calcareous.	ML	SAMPLE ID P78-S*14 1015
3								
4								
5		4-6 ft.		2.0 2.0		Silty clay loam; non plastic; clay, > 50% clay, < 20% sand, > 20% silt; pale brown 10R 6/3, sl. moist; friable or crumbly; structureless; very calcareous	ML	1035
6						Sandy clay loam; non plastic to sl. plastic @ 5.9 ft; > 50% v.v. fine sand, 20% clay, 20% silt; sl. moist to wet @ 5.9 ft.; loose to sl. sticky @ 5.9 ft., structureless, ML; slightly calcareous.		

PROJECT NUMBER

89446-0300

BORING NUMBER

NDDSR3

SHEET 2 OF 2

SOIL BORING LOG

PROJECT PLANT 78 PHASE II - STAGE 2

LOCATION NORTH DRAINAGE DITCH, 77 ft. W of P.

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOON

WATER LEVEL AND DATE

START 0445 12/10/88 FINISH 1600 12/10/88 LOGGER D. WEST

LOGGER D. West

[illegible]

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SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB4Date 12-10-88Collected by C. Dreier, D. West, K. LarsenSampling Time 1356/1440ESE Sample Number P78-S*16
P78-S*17Sample Splits Collected for N/AFraction Sampled SV SSVisual Appearance of Sample Silty sandSampling Location in North Drainage Ditch between buildings
E-516 & E-517Sampling Method hard driven split spoonWeather Conditions Now overcast, coldPrecipitation Past Day several inches of snow on groundComments/Remarks samples collected from 2-4' and 6-8'
intervals.Collected by C. Dreier 12-10-88
Signature DateChecked by [Signature] 3/22/89
Signature Date

PROJECT NUMBER
89446-0300BORING NUMBER
ND584

SHEET 1 OF 2

SOIL BORING LOG

PROJECT PLANT 78 PHASE II STAGE 2

LOCATION N. between E-S16 & E-S17 in N. Drainage Ditch.

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOON

WATER LEVEL AND DATE _____ START 1330 12/10/88 FINISH 1445 12/10/88 LOGGER D. WEST

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (IN)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS
		INTERVAL	TYPE AND NUMBER	RECOVERY				DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	0					Surface gravels - loamy sand matrix pebbles of qtz & limestone, surface debris	0.25	1330
	0-2	0-2		1.6 2.0		Sandy loam, non plastic; sand is 44. fine qtz to occ. med. size > 60%, silt + clay > 30%; brown 10YR 5/3; sl. moist increasing to moist @ 1.6 ft. friable to nonstick (slightly adhesive);	SM	drive depth = 2.5 Tip = 0.10
	1					structureless; predominantly qtz. sand w/ < 5% dark grains of fine - med. sand size; SM		
	2							
	2-4	2-4	SPLIT SPOON	1.6 2.0		Sandy loam as above; sand > 50%, silt = 30%, very little clay; slightly plastic, dk. yellow brown 10YR 4/4; moist to wet; slightly sticky; structureless; dk. grains of med. to fine sand size < 25%; SM	SM	1356 Tip = 0.1
	3							
	4		ND584A-S5 ND584A-SV					wet
	4-6	4-6		1.9 2.0		Sandy loam as above grading to loam; Sandy loam upper 0.15 ft.; loam is non plastic; silt 50% or greater. sand < 40%, clay > 50%; dk. yellow brown 10YR 4/4 grading to pale brown 10YR 6/3; very moist above grading to	SM SM ML	1410 wet st. damp. moisture decreasing
	5					V. slightly moist below; sl. sticky grading to friable/firm; weak structure w/ indistinct pads; sandy portion mainly quartz w/ occasional feldic grains; ml; slightly calcareous above to calcareous below.		
	6							

PROJECT NUMBER

89446 -6300

BORING NUMBER

NDUSB4

SHEET 2 OF 2

SOIL BORING LOG

PROJECT PLANT 78 PHASE II STAGE 2

LOCATION N. between E-S16 & E-S17 in N. Drainage
Ditch

ELEVATION _____ DRILLING CONTRACTOR _____

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOON

WATER LEVEL AND DATE _____ START 133. 12/10/88 FINISH 1445 12/10/88 LOGGER D. W. B. T.

[illegible]

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SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB5Date 12-10-88 ^{12 CDP}Sampling Time 1215/1250Collected by C. Dreier, D. Hendrickson, K. Larsen ESE Sample Number P78-S*18
P78-S*19

Sample Splits Collected for _____

Fraction Sampled (SV) (SS) _____Visual Appearance of Sample sandy, silty claySampling Location north of E-517 in ditchSampling Method hard driven split spoonWeather Conditions Now cold, sunnyPrecipitation Past Day trace, snow on groundComments/Remarks samples collected from 2-4' and 6-8' intervals.

NORTH DRAINAGE DITCH

E-516

E-617

sample location

Collected by C. Dreier 12-10-88Checked by [Signature] 3/22/89

Signature

Date

Signature

Date

ESE

PROJECT NUMBER

89946

BORING NUMBER

NDD5BS

SHEET 1 OF 2

SOIL BORING LOG

PROJECT Plant 78 LOCATION NDD, North of building E517, ~100'
ELEVATION N/A DRILLING CONTRACTOR N/A west of NE corner of bldg
DRILLING METHOD AND EQUIPMENT Hand driven split spoon
WATER LEVEL AND DATE N/A START 1100 12/12/88 FINISH 1310 12/12/88 LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6'-6" (IN)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2'	split spoon	1.9' 2.0'		CL upper .9' gravelly, sandy (very fine), silty; lower 1' sandy, silty; upper .5' frozen, lower 1.4' moist, friable; upper .9' slightly plastic; lower 1' nonplastic; structureless, calcareous; rhizomes; clay; sat more sand near top; upper 10YR 3/3 dk brown, top; lower 10YR 5/3 brown		
2'		2-4'	split spoon	1.6' 2.0'		CL upper 3" gravelly, sandy, silty; lower sandy, silty; very fine to fine grained sand; ~1" layer gravelly, sandy, silty clay ~		actual depth = 2.3'
			sample 4 NDD5BSA @ 1215			5" above base; upper 3" wet, sticky, nonplastic; lower moist, friable, slightly plastic; rhizomes, lower 1' structureless, calcareous; ~20% sand + silt, increases to ~35% in lower part; 10YR 4/3 dk brown to brown; clay		SAMPLE ID# P78-S*18 1215
4'		4-6'	split spoon	1.7' 2.0'		CL - upper 1' sandy, silty; fine to very fine sand; 10YR 5/3 brown; moist, friable, non plastic; ~20% sand + silt, 80% clay; calcareous; clay		
						SM - lower .7' clayey, silty, very fine to fine grained sand; mottled 10YR 6/3 pale brown and 10YR 7/3 very pale brown; dry, hard; non plastic; ~50% sand, 40% silt, 10% clay; calcareous, loam to sandy loam		actual depth = 6.0'

BORING NUMBER

NDD SB5

SHEET 2 OF 2

SOIL BORING LOG

PROJECT Plant 78

LOCATION NDD, North of bldg E517

ELEVATION N/A

DRILLING CONTRACTOR N/A

DRILLING METHOD AND EQUIPMENT Hand driven split spoon

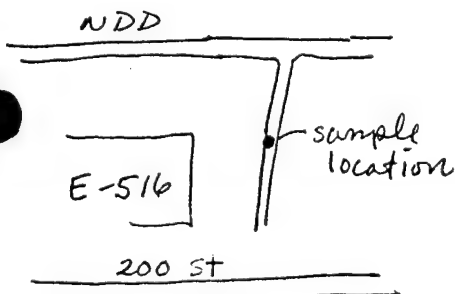
WATER LEVEL AND DATE

START 1100 12/12/88 FINISH 1310 12/12/88 LOGGER V. Hendrickson

[illegible]

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SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB6Date 12-10-88Sampling Time 1150/1235Collected by D. West, C. Dreier, K. LarsenESE Sample Number P78-S* 20
P78-S* 21Sample Splits Collected for N/AFraction Sampled SV SSVisual Appearance of Sample fine grained sand w/ some siltSampling Location East of E-516 in ditch tributary to north drainage ditch.Sampling Method hand driven split spoonWeather Conditions Now cold, sunny to overcastPrecipitation Past Day trace of snowComments/Remarks samples collected from 2-4' and 6-8' intervalCollected by C. Dreier 12-10-88
Signature DateChecked by [Signature] 3/22/89
Signature Date



PROJECT NUMBER

89446

BORING NUMBER

NDD SB 6

SHEET 1 OF 2

SOIL BORING LOG

PROJECT PLANT 78 PHASE II - STAGE 2

LOCATION NORTH DRAINAGE DITCH, E of E-SIL along ditch

ELEVATION

DRILLING CONTRACTOR

N/A

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOON

WATER LEVEL AND DATE

START 1126 12/10/89

FINISH

12/10/89

LOGGER D. WEST

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2		1.8 2.0		Surface gravels (road base) first 0.5 feet. loamy sand; non plastic; sand v.v. fine grained to a few med. grains > 75%, silt < 15%, clay < 5%;	SM	1135 Tip = 2.5 in borehole Actual depth = 2.3 ft.
	1					dark yellow brown 10R 4/4; slightly moist; friable, structureless, contains med. to coarse grain of quartz sand and lithic grains, SM		
	2	2-4	SPLIT SPOON	1.1 2.0		bottom 2m rock fragments & gravels first 0.2 ft (possibly slough) contains dolomite, quartz, lithic fragments up to 18mm; sandy matrix	GC	1150
	3					loamy sand as above; non plastic; sand v.v. fine grained to med grained, > 75%, silt < 15%, clay < 5%, dk. yellow brown 10R 4/4, sl. moist to moist, friable, structureless; dark grains (med. sand size) < 5%; SM.	SM	Sample ID P78-SK20 1150
	4		NDD SB 6A-55 NDD SB 6A-54			rock fragments and pebbles as described above. (bottom 0.2 ft.)	GC	
	5	4-6		0.9 2.0		rock fragments and pebbles in sand matrix; fragments are limestone/dolomite, lithic up to 15mm; milky qtz pebbles - rounded up to 45mm; fine-med qtz. sand matrix - damp; limonite	GC	1205
	6					loamy sand w/ poorly sorted sands and pebbles: loamy sand matrix contains > 75% sand, v.v. fine to med size silt < 10%, clay < 5%; slightly plastic; dk. yellow brown 10R 4/4, moist, to sl. wet; friable/plastic somewhat coherent; structureless, dark grains of med. sand size sub angular quartz pebbles to 10mm; limonite and dolomite fragments up to 20mm; SM	SM	Tip = 5.3 in borehole

SOIL BORING LOG

PROJECT PLANT 78 - PHASE II - STAGE 2

LOCATION NORTH DRAINAGE DITCH, E of E-516 along
A1/A ditch

ELEVATIONDRILLING CONTRACTOR N/A

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPAT SPOON

WATER LEVEL AND DATE

START 1120

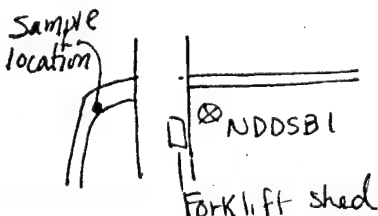
12/10/87 FINISH 1245

12/10/55

LOGGER D. WEST

[illegible]

SOIL/SEDIMENT SAMPLING FORM

Station ID NDDSB7Date 12-9-88Sampling Time 1440/1750Collected by D. Henderson, K. Pierson,
C. DrenESE Sample Number P78-S*22 (NDDSB7)
P78-S*23 (NDDSB7)Sample Splits Collected for N/AFraction Sampled (SV) (SS)Visual Appearance of Sample Silty, sandy, claySampling Location East of M-348 in north drainage ditch
between parking lot & forklift shed at bend in ditch (ditch
bends to the south)Sampling Method hand driven split spoonWeather Conditions Now cold, twilightPrecipitation Past Day noneComments/Remarks soil was very compactable, could get no
recovery after 6'. moved to new location
several feet away and drove split spoon down
to 6' and then recovered 6-8' interval.Collected by C. Dren 12-9-88
Signature DateChecked by [Signature] 3/22/89
Signature Date



PROJECT NUMBER

89946

BORING NUMBER

NDDSB7

SHEET

1 OF 3

SOIL BORING LOG

PROJECT Plant BLOCATION NDD - just west of "R" Ave

ELEVATION

DRILLING CONTRACTOR N/A@ bend in ditchDRILLING METHOD AND EQUIPMENT Hand driven split spoonWATER LEVEL AND DATE ice on surfaceSTART 1400 12/9/88 FINISH 1815 12/9/88LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
		0-2	split spoon	(9.5") 1.9 2.0		CL sandy (v. fine-med.), silty & ice in upper 3"; scattered gravel (<1%) up to 5mm; upper 5" 10YR 3/1 very dk gray; moist, firm; slightly plastic; rhizomes; scattered gravel size (granule) rock frags (<1%); clay; gravel increases downward; lower 4"-5M (see descript. for upper .5' below); calcareous		
2		2-4	split spoon	(14") 1.3 2.0		upper .5'-5M med v. fine-crss gnd sand, silty 10% gravel (2-15mm); moist; loose; nonplastic; loam; structureless; 10YR 4/3 brown to dk brown lower .8'-CL		sample (A) @ 1500 1440
						silty; 10YR 5/3 brown; moist; friable; slightly plastic; rhizomes; clay; gravelly near top; calcareous		P7B-5*22
4						upper 1"-5C silty, clayey; 10YR 4/3, brown to dk brown; moist; slightly sticky; slightly plastic; clay; structureless lower - CL		act. depth 4.1'
		4-6		1.8' 2.0'		silty; sand - minor <1% in upper part; 10YR 4/3 brown to dk brown; moist; firm; slightly plastic; clay; rhizomes - numerous; calcareous		
6								w/TIP I - unsure if working correctly TIP = 4.5 above background act. depth 5.5'

WATER
~~SOIL~~/SEDIMENT SAMPLING FORM

Station ID NDD 1 Date 12/1/88

~~Samples~~ NDDSS1 & NDDSW1 Sampling Time 1540

Collected by Kevin Pierson, Chris Drier, Ken Larson ESE Sample Number P78-W*1

Sample Splits Collected for P78-S*8

Fraction Sampled SV SS SS C V V V W C

Visual Appearance of Sample Very silty, green plant matter above soil (slimy green gooey stuff)

Sampling Location North Drainage Ditch just 50' North of Avenue "K"

Sampling Method Surface grab

Weather Conditions Now Sunny Calm & 30°F

Precipitation Past Day none

Comments/Remarks Flow < 0.1 cfs possibly stagnant. Ice covering

Stream was 3in thick & required removal prior to

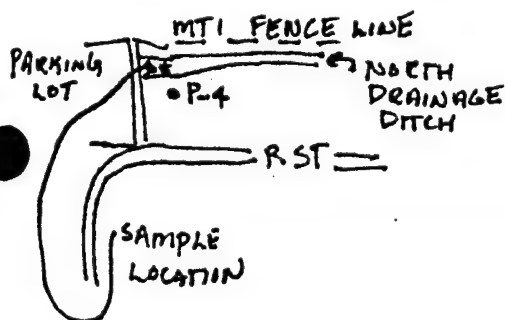
sampling ^{50°C/100°F} Beckman #28 Conductivity

pH 7.35 at 25.3°C 1414 @ 25°C } CALIBRATION

10.80 at 25.3°C CMS

pH 7.96 @ 25.3°C

Cond 902 @ 25.3°C



Collected by Ken Larson 12-1-88
Signature Date

Checked by Kevin Pierson 12/1/88
Signature Date

WATER
SOIL/SEDIMENT SAMPLING FORMStation ID ND12Date 12/1/88Sampling Time 1621Collected by Kevin Peterson Chris Dreier Ken Larson ESE Sample Number P78-W*2Sample Splits Collected for P78-W*9Fraction Sampled SV SS SS C O V V V WVisual Appearance of Sample grey brown silty colorSampling Location on North Drainage Ditch Directly behind
building E-516 below confluence with southern ditchSampling Method Surface GrabWeather Conditions Now clear, calm, sunny 30°FPrecipitation Past Day noneComments/Remarks Discharge from building just east of inflated
building contributing ~50% of discharge. Flow to low
to gauge estimated at 0.5 cfs.pH 8.75 at 25.3°C
Cond. 6040 μ S/cm } field testingpH 7.35 at 25.3 10.80 at 25.3°C Beckman I-29 SM C16034
Cond 1414 at 25°C CMS

Calibration

SAMPLE LOCATION

MTI FENCE

NORTH DRAINAGE
DITCHCULVERT
INSTALLATION
GOING ON

E-516

E-517

Collected by Kevin Peterson 12/1/88
Signature DateChecked by Chris Dreier 12/3/88
Signature Date

E-512 DRAINAGE DITCH
SAMPLING FORMS

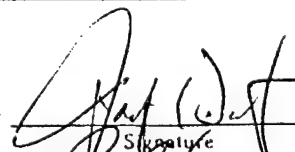
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SOIL/SEDIMENT SAMPLING FORM

Station ID E512B1Date 12-14-88Sampling Time 1250Collected by D. WESTESE Sample Number E512B1ASample Splits Collected for N/AP78-S*24
P78-G-S*3Fraction Sampled (SV) (SS)Visual Appearance of Sample sandy siltSampling Location 25-26 1/2 ft deepSampling Method 18" split spoonWeather Conditions Now coldPrecipitation Past Day none

Comments/Remarks

Collected by

12/14/88
Date

Checked by



Signature

3/28/89
Date

SOIL/SEDIMENT SAMPLING FORM

Station ID E512B1Date 12-14-88Sampling Time 1535Collected by D. WESTESE Sample Number E512B1B
P78-S*25
P78-G-S*4

Sample Splits Collected for _____

Fraction Sampled SV SS _____

Visual Appearance of Sample _____

Sampling Location 50-51 1/2 ft deep P78-S*2551 1/2 - 53 ft deep duplicate sample P78-S*83Sampling Method split spoon (18")Weather Conditions Now coldPrecipitation Past Day noneComments/Remarks duplicate sample collected from an
additional split spoon; SS fractions composited from
each split spoon.

Collected by

D. West
Signature12/14/88

Date

Checked by

R. Cheson
Signature3/28/89

Date

SOIL/SEDIMENT SAMPLING FORM

Station ID E-S12B1 P-5

Date 12/14/88

Collected by D. WEST

Sampling Time 1725

ESE Sample Number E S12 B1 C
P78-S*26

Sample Splits Collected for _____

Fraction Sampled (SV) (SS) (SG)

Visual Appearance of Sample mostly dry, rock dust and gravels, upper 0.2 ft - 0.3 ft
contains sandy loam.

Sampling Location Borehole - along drainage ditch. (P-5)
75-76 1/2 ft deep

Sampling Method 18" Split Spoon (75-76 1/2 ft. interval)

Weather Conditions Now Cold, clear

Precipitation Past Day none

Comments/Remarks - hard sample interval 5" , 30" , 60" - into
rock/gravels below 75.3

Collected by [Signature] 12/14/88
Signature Date

Checked by [Signature] 3/28/89
Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID ES12B1

Date 12-15-88

Collected by D. West

Sampling Time 1215

ESE Sample Number ES12B1D
P78-S*27

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS)

Visual Appearance of Sample sandy silt

Sampling Location 100-101 1/2 ft deep

Sampling Method split spoon (18")

Weather Conditions Now cold

Precipitation Past Day none

Comments/Remarks hard sample interval - 9/6", 32/6", 90/6",
gravels at about 100.5 ft

Collected by

[Signature]
Signature

12/15/88

Date

Checked by

[Signature]
Signature

3/28/89

Date

SOIL/SEDIMENT SAMPLING FORM

Station ID ES12B1

Date 12-15-88

Collected by D. West

Sampling Time 1610

ESE Sample Number ES12B1E
P78-S*28

Sample Splits Collected for N/A

Fraction Sampled ☒ SV ☒ SS

Visual Appearance of Sample sandy clayey silt

Sampling Location 125-126 1/2 ft deep

Sampling Method split spoon (18")

Weather Conditions Now cold

Precipitation Past Day none

Comments/Remarks v. hard sample interval 56 1/6", 78 1/6", 52 1/6"
gravels at 126 1/2'

Collected by

[Signature]
Signature

12/15/88

Date

Checked by

[Signature]
Signature

3/28/89

Date

Checked By
R. Chessa 3/28/89

SOIL/SEDIMENT SAMPLING FORM

Station ID E512SBIDate 12-12-88Sampling Time 1440/1510Collected by D. Hendrickson, C. DreierESE Sample Number E512SBI A -
P-78-S*32
E512SBI B -
P-78-S*33Sample Splits Collected for N/AFraction Sampled (SV) (SS)Visual Appearance of Sample silty, clayey, sandSampling Location immediately north of 300 St.Sampling Method split spoon, hand drivenWeather Conditions Now coldPrecipitation Past Day none, snow on ground

Comments/Remarks

Collected by C. Dreier 12-12-88

Signature

Date

Checked by

Signature

Date

ESE

PROJECT NUMBER

89946

BORING NUMBER

E512 SB1

SHEET

1 OF 2

SOIL BORING LOG

PROJECT Plant 78 LOCATION Drainage ditch south of bldg.
ELEVATION N/A DRILLING CONTRACTOR N/A E512, just north of 300 St.
DRILLING METHOD AND EQUIPMENT Hand driven split spoon
WATER LEVEL AND DATE N/A START 1400 12/12/88 FINISH 1525 12/2/88 LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (IN)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2'	split spoon	1.4' 2.0'	(spoon easily driven)	ML silty, clayey very fine to fine sand; moist, firm; slightly plastic; 10YR 4/2 dark grayish brown; $\approx 70\%$ sand + silt, $\approx 30\%$ clay; calcareous, structureless; lower coarser grained too		
	2					6" gravelly, more sand (very coarse grained), very poorly graded; Fe staining in lower part; <u>sandy clay loam</u>		actual depth 2'5"
	2	2-4'	split spoon	1.4' 2.0'		ML silty, clayey sand; v. fine to med grained sand; sand coarser grained than above; gravel in lower 2" (poorly graded); lower 2" more like SM (clayey & gravelly, poorly graded); 10YR 4/3		
	4					brown to dk brown; greater %age of sand than above; $\approx 60\%$ sand, 15% silt, 25% clay; moist, firm, nonplastic; structureless; calcareous, gastropod shells; <u>sandy clay loam</u>		SAMPLE ID P78-S*32 act. depth = 4'1"
	4	4-6'	split spoon	1.7' 2.0'		SM-upper 2" same as above, gravelly, moist, friable; nonplastic <u>sandy clay loam</u> ML-lower silty; v. fine to med. sand; moist, firm; slightly plastic; 10YR 3/3		
	6					dark brown; structureless; very calcareous; $\approx 60\%$ sand, 15% silt, 25% clay, <u>sandy clay loam</u>		actual depth 6'2"

BOBING NUMBER

89946

ES125B1

SHEET 2 OF 2

SOIL BORING LOG

PROJECT Plant 78 LOCATION Drainage so. of bldg E512, just
ELEVATION N/A DRILLING CONTRACTOR N/A north of 300 St.
DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPIT SPOON
WATER LEVEL AND DATE N/A START 1400 12/2/88 FINISH 1525 12/2/88 LOGGER D. Henderson

[illegible]

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PAGE

OF

SOIL/SEDIMENT SAMPLING FORM

Station ID E512 SB 2Date 12-12-88Collected by D. Henderson/C. DreierSampling Time 1625/1710ESE Sample Number E512SB2A-P78-S*34
E512SB2B-P78-S*35Sample Splits Collected for N/A

Fraction Sampled

(SV) (SS)

Visual Appearance of Sample gravelly sandSampling Location midway along ditch between road &
culvert / in ditchSampling Method hand driven split spoonWeather Conditions Now coldPrecipitation Past Day not appreciableComments/Remarks problems w/ recovery 4 to 6' driven twice
to improve recovery for sample collectionCollected by C. Dreier 12-12-88

Signature

Date

Checked by

[Signature]
Signature3/22/89

Date

ESE

PROJECT NUMBER

89946

BORING NUMBER

E512SB2

SHEET 1 OF 2

SOIL BORING LOG

PROJECT Plant 78 LOCATION Drainage ditch so. of bldg E512;
ELEVATION N/A DRILLING CONTRACTOR approximately halfway between Colvert and
DRILLING METHOD AND EQUIPMENT Hand driven split spoon 300 St.
WATER LEVEL AND DATE N/A START 1545 12/12/88 FINISH LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6" (IN)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2'	split spoon	1.5' / 2.0'		ML sandy (v. fine to fine grd), clayey silt; 10 YR 5/4 yellowish brown; moist; firm; slightly wet, slightly sticky, slightly plastic; structureless; calcareous; gravelly & sandy		spoon easily driven
	2'		↓			(v. coarse grained) in upper 1" & in "mudball" formed @ top (≈ 30mm dia.); ≈ 15% sand, 60% silt, 25% clay; silt loam to silty clay loam		act. depth 2'3"
	2'	2-4'	split spoon	2" / 2.0'		ML same as above; very small recovery possibly due to wet sample ∴ moved to another		spoon easily driven
	4'		↓			hole close by & drove spoon to 4' (first drove it to 2' and then to 4')		actual depth = 4.0'
	4'	2-4'	split spoon	.8' / 2.0'		ML same as in 0-2' interval, but more gravel (≈ 3% & up to 10% in lower 2"); small recovery probably due to gravel @ base		
	4'					which clogs bottom of spoon and wet soil material		sample (A) ID# P78-S*34
	4'							act. depth = 3'7"

sample
E512SB2A
@ 1625

"redrove"
hole
nearby

SOIL/SEDIMENT SAMPLING FORM

Station ID ES129B3

Date 12-13-88

Sampling Time 1045/1505

Collected by D. Henderson, C. Dreier,
K. Larsen

ESE Sample Number P78-S#36
P-78-S#37

Sample Splits Collected for N/A

Fraction Sampled SV SS

Visual Appearance of Sample clayey silty sand

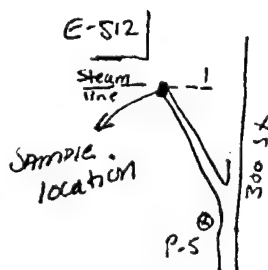
Sampling Location ES12 Ditch closest sample to culvert.

Sampling Method hand driven split spoon

Weather Conditions Now cold

Precipitation Past Day no appreciable

Comments/Remarks no recovery for initial boring, moved 3' to
the southwest to recover 6-8' interval.



Collected by C. Dreier 12-13-88
Signature Date

Checked by [Signature] 3/22/89
Signature Date



PROJECT NUMBER

89946

BORING NUMBER

E512SB3

SHEET 1 OF 2

SOIL BORING LOG

PROJECT

Plant 78

LOCATION

E512 Drainage Ditch @ pt furthest
N/A No. 4m. road (near culvert)

ELEVATION

N/A

DRILLING CONTRACTOR

N/A

DRILLING METHOD AND EQUIPMENT

Hand driven split spoon

WATER LEVEL AND DATE

N/A

START 12/13/88 1000

FINISH 12/13/88 1520

LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0					ML sandy (very fine to fine) silty; upper 3" roots; lower rhizomes; scattered gravel (2-5 mm) <1%; 10YR 4/4 dark yellowish brown; wet, firm; slightly plastic; calcareous; rare gastropod shells; ~40% clay, 25% sand 35% silt; clay loam		
2		0-2	split spoon	20' 20'				TIP = 3.0 above background act depth 2' 3"
		2-4	split spoon	15.5' 2.0		ML sandy (very f. to fine); silty; sandier than above ~40% sand, 40% silt, 20% clay; 10YR 5/4 yellowish brown; wet, firm; slightly plastic; calcareous, rhizomes; sandy loam;		Sample (A) Sample ID = P78-S#36
4		4-6	split spoon	14.5' 2.0		SM upper 8" clayey, silty; sand (v. fine to med, mostly fine); moist, loose; nonplastic, 10YR 4/4 dk yellowish brown; ~5-10% clay; 20% silt; 40-65% sand; gravel ~1%; roots lower 9" - same as ML in 2-4' zone		TIP = 2.5 above background 3' 10" = act depth
6								TIP = .2 above background act. depth 5' 11.5"

PROJECT NUMBER 89946	BORING NUMBER E512 SB3	SHEET 2 OF 2
SOIL BORING LOG		

PROJECT Plant 78 LOCATION E512 Drainage Ditch
ELEVATION N/A DRILLING CONTRACTOR near culvert
DRILLING METHOD AND EQUIPMENT Hand driven split spoon
WATER LEVEL AND DATE N/A START 1000 12/13/88 FINISH 1520 12/13/88 LOGGER D. Hendrickson

[illegible]

Duplicate location

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PAGE 1 OF 1

~~Water~~
SOIL/SEDIMENT SAMPLING FORM

Station ID E5125WS1
+ E5125S1

Date 12-15-88

Sampling Time 1000

Collected by _____

ESE Sample Number P78-S*31
P78-W*5

Sample Splits Collected for _____

Fraction Sampled (SV) (SS) V V V V V C O

Visual Appearance of Sample Cloudy

Sampling Location at top of ditch under large steam line

Sampling Method grab

Weather Conditions Now _____

Precipitation Past Day _____

Comments/Remarks Dupe = P78-W*26 P78-S*29

PH = 8.39 @ 2.2°C

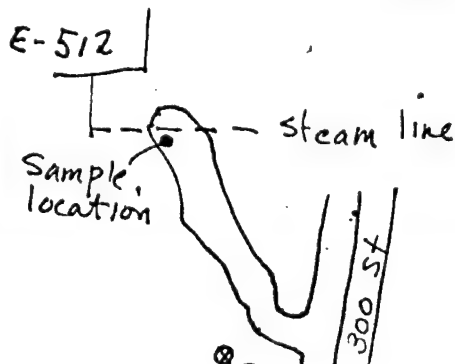
Sp cond = 1867

CALIBRATION

CUETIN MATHESON S# 14274 ESE #4 1410 225°C for 1414 standard

ORION ESE #2 S# 1063 7.0 = 7.0 @ 2.6°C

10.0 = 10.0 @ 2.4°C



Collected by C. Dreen 12-15-88
Signature Date

Checked by [Signature] 3/22/89
Signature Date

FAUST VALLEY DRAINAGE COURSE
SAMPLING FORMS

RECORD OF ACTIVITIES AT WELL SITE
FIELD SAMPLING DATA SHEET

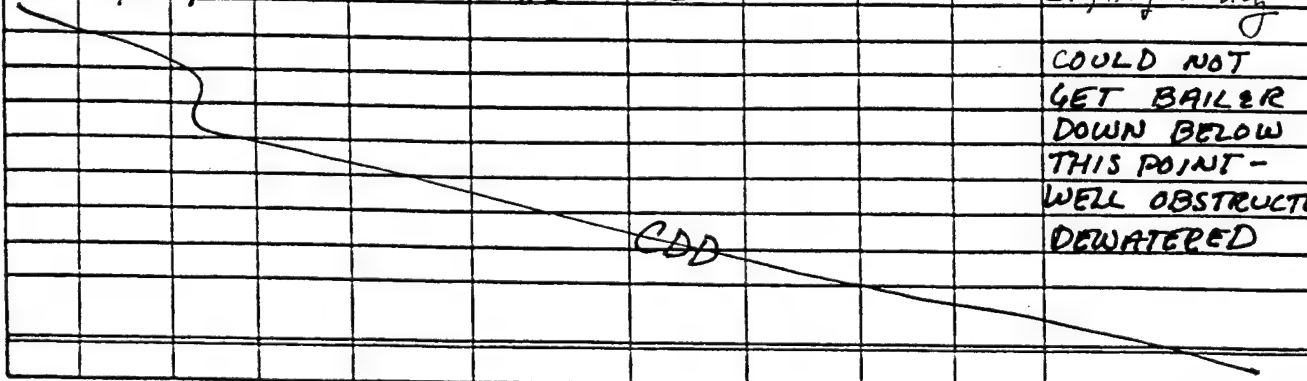
Page 1 of 2

Well Number P-1 Location FAUST VALLEY DRAIN. Date 1-25-89
Project Plant 7B Phase II Stage 2 Project No. 89946 Samplers C. Dreier R. Chesson
Station Elevation 4551.32 Well Stick Up 3.6' TOC (metal) Supervisor C. Dreier
Well Depth COULD NOT MEASURE Casing Diameter 4" Water Level (From TOC) 200.90'
Gallon Water / Ft. 653 Casing Volume UNKNOWN Screened Interval 234.5' to 254.5'
PID Readings (Bkgrnd) 0.6 TOC 0.0

FIELD CHEMISTRY

Calibration: Time 0700 pH 7.00 7.03 at 18.2 °C pH 10.00 10.0 at 17.8 °C
Conductance: Standard 1413 umhos/cm at 25 °C Reading 1416 umhos /cm at 25 °C
D.O. Meter: N/A mg/l at N/A °C

Condition of Well NO PVC CAP, CASING (EXTERIOR) RUSTED

Time	Pumping Rate gpm	D.O. mg/l	pH	Temp. °C	E.C umhos/cm at °C	Cum. Vol. of H ₂ O Removed gallons	Casing Vols.	PID Reading Loc.	Value	Comments
1520	N/A	N/A	7.63	10.9	1579	3				slightly cloudy.
1609	N/A	N/A	7.71	12.0	1583	10				slightly cloudy Tip 0.0
										COULD NOT GET BAILER DOWN BELOW THIS POINT - WELL OBSTRUCTED DEWATERED

Remarks: _____

FIELD EQUIPMENT

pH meter BECKMAN Serial No. _____
E.C. meter CURTIN MATHETON Serial No. _____
Pump N/A Serial No. _____
Water Level Meter Solinist Serial No. 500 ft
D.O. Meter N/A Serial No. _____
Filter Apparatus N/A Filters _____
Temperature Measure PH METER
Baller 2' X 3.5" SS Size _____

SAMPLING DESCRIPTION:

Fractions: V V V V W W DB DC NF C S GCMS Dup.
No. of Bottles _____
Sample Depth _____
Field Notebook No. 89946
Sample Method _____
Discharge H₂O Containerized Yes No.

Checked
R. Chesson
3/28/89

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSBIDate 12-3-88Sampling Time 1530/1630Collected by D. WEST, C. Drier, D. HendricksonESE Sample Number P78-S*77
P78-S*78Sample Splits Collected for N/A

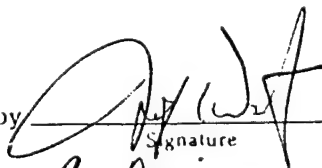
Fraction Sampled

☒ SV ☒ SSVisual Appearance of Sample Silty sand, gravelly siltSampling Location upgradient Faust Valley drainage;
35 ft se of P-1Sampling Method hand driven split spoonWeather Conditions Now cold, sunnyPrecipitation Past Day none

Comments/Remarks

samples collected at 2-4' and 6-8' intervals

Collected by



Signature

12/3/88

Date

Checked by

C. Drier

Signature

3-15-89

Date

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSB1

Date 12-3-88

Collected by D. WEST, C. Drier

Sampling Time 1540, 1630

ESE Sample Number P-78-S #77
P-78-S #78

Sample Splits Collected for NONE

Fraction Sampled SV SS SS

Visual Appearance of Sample Loose, dry

Sampling Location Shallow boring 35 ft SE of P-1
Monitoring well

Sampling Method SPLIT SPOON - HAND DRIVEN

Weather Conditions Now Cold, sunny

Precipitation Past Day NONE

Comments/Remarks SEE SOIL BORING LOG

PROBLEMS W/ DRYING SPLIT SPOON, AIR TEMP V. COLD

Collected by C. Drier 12-3-88
Signature Date
Checked by [Signature] 3/22/89
Signature Date



FVDSB1*

PROJECT NUMBER

89946 -0070

BORING NUMBER

FAUST VALLEY DRAINAGE
UPPER ADJUST

SHEET 1 OF 2

SOIL BORING LOG

12/3/88

PROJECT PLANT 78 Phase II - Stage II LOCATION FAUST VALLEY DRAINAGE ; 35 ft. SEELEVATION — DRILLING CONTRACTOR N/A OF P-1 MONITOR WELLDRILLING METHOD AND EQUIPMENT HANDS DRIVEN SPLIT SPOON (2" OD. x 2 ft.)WATER LEVEL AND DATE N/A START 12/3/88 1450 FINISH 12/3/88 1700 LOGGER Dr. WEST

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
0						ML - Silt/silty sand		MSO
		0-2		$\frac{2.0}{2.0}$		Silt in 12 feet, very low plasticity, very dark gray brown 10YR 2/2, very slightly moist, crumbly, contains abundant roots	ML	OVA instrument not operating correctly - no TIP readings. no color apparent.
1						Silt w/ very fine sands to 25%; pale brown 10YR 6/3, dry, crumbly distinct color change w/ drier soil, contains roots; slightly calcareous	ML	
2						Silt w/ very fine sands (as above) pale brown 10YR 6/3, dry, crumbly slightly calcareous	ML	SAMPLE: FVDSB1A ID# P18-S+77 (530)
3		2-4	SPLIT SPOON	$\frac{1.6}{2.0}$			ML	
4						bottom 3/4 ft. contains quartz arenite rock fragments and limestone/dolomite rock chips; qtz. fragments up to 10 mm	ML	
5		4-6		$\frac{0.3}{2.0}$		poor recovery due to quartz rock plug in shoe. - interval contains silt (as above) and fragments of qtz. and limestone/ dolomite. up to 20 mm		1541
6								

PROJECT NUMBER 89946-0300	BORING NUMBER FVDSB1	SHEET 2 OF 2
SOIL BORING LOG		

PROJECT PLANT 78 PHASE II - STAGE II LOCATION FAUST VALLEY DRAINAGE; SE OF
ELEVATION — DRILLING CONTRACTOR N/A P-1 MONITOR WELL.
DRILLING METHOD AND EQUIPMENT HAND DRIVEN SOFT SPIN
WATER LEVEL AND DATE N/A START 1450 12/3/98 FINISH 1650 12/3/98 LOGGER D. WEST

[illegible]

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSSI

Date 12-7-88

Collected by D. HENRICKSON, C. Dreier

Sampling Time 1130

ESE Sample Number P78-S+71-SS
P78-~~84~~11-SS
6

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS) SS

Visual Appearance of Sample clay, silts w/ some gravels

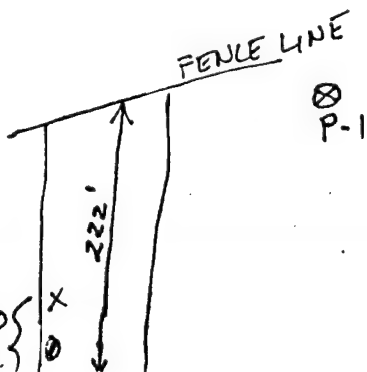
Sampling Location FAUST VALLEY DRAINAGE APPROX ^{220'}~~300'~~ WEST
OF FENCE LINE

Sampling Method DUG w/ PICK TO BREAK UP FROZEN GROUND
SAMPLED w/ STAINLESS STEEL SPOON - composite of 3 locations
Weather Conditions Now SUNNY SPACED every 20'

Precipitation Past Day 2-3 INCHES OF SNOW

Comments/Remarks

Cleared snow from sample area, but some may have
fallen into sample, Soil is very gravelly in
Stream bottom



Collected by Chris Dreier 12-7-88
Signature Date
Checked by [Signature] 3/22/89
Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSS 2

Date 12-7-88

Sampling Time 1330

Collected by D. HENDRICKSON, C. DPETER

ESE Sample Number P78-S*72
P78-G-S#12

Sample Splits Collected for N/A

Fraction Sampled

(SV) (SS) (SS)

Visual Appearance of Sample Silts, clays, Some gravels

Sampling Location approx 150' south of road
(APPROX. 1200' west of fence line)

Sampling Method Soil Broken up w/ pick, composited in SS bucket

Weather Conditions Now Sunny

Precipitation Past Day 2" snow

Comments/Remarks sampled from deepest part of ditch,
ditch is approx 15' deep, dry, vegetation
sparse in bottom of ditch.

Collected by

C. Drury

12-7-88

Signature

Date

Checked by

[Signature]

3/22/89

Date

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSS3

Date 12-7-88

Sampling Time 1400

Collected by C. Dreier, D. Hendrickson

ESE Sample Number P78-S*73

Sample Splits Collected for N/A

P78-G-S*13

Fraction Sampled (SV) (SS) SS

Visual Appearance of Sample Clay, moist, mud

Sampling Location South of E-512 (APPROX 2200 ft west of fence line at top of drainage)

Sampling Method grab, used pick to dig up sample, sampled w/ SS spoon

Weather Conditions Now SUNNY

Precipitation Past Day 2" SNOW

Comments/Remarks area is upgradient of soil blockage of ditch, soil is muddy + organic rich, water probably pools behind this blockage during high flow.

Collected by C. Dreier

12-7-88

Signature

Date

Checked by [Signature]

3/22/89

Signature

Date

E-512

mud/soil blocking Ditch

Sample location

SOIL/SEDIMENT SAMPLING FORM

Station ID	<u>FVDSS #5 CDD</u>	Date	<u>12-2-88</u>
Collected by	<u>D. HENDRICKSON, C. Dreier</u>	Sampling Time	<u>1440</u>
Sample Splits Collected for	<u>N/A</u>	ESE Sample Number	<u>P78-S*75</u> <u>P78-G-S*15</u>
Fraction Sampled	SV SS <u>SS</u>		
Visual Appearance of Sample	<u>Silts, gravels, clays (small pebbles)</u>		
Sampling Location	<u>Approximately 300 yards east of road ("R" st)</u>		
Sampling Method	<u>dig w/ pick, shallow sampling</u>		
Weather Conditions Now	<u>Sunny</u>		
Precipitation Past Day	<u>2" snow</u>		
Comments/Remarks	<u>Sampled in channel (North) bifurcation</u> <u>around small island - sampled near red rock Boulder.</u>		

Collected by	<u>C. Dreier</u>	<u>12-7-88</u>
	Signature	Date
Checked by	<u>[Signature]</u>	<u>3/22/89</u>
	Signature	Date

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSS6

Date 12-6-88

Collected by P. Dreier Ken Larson

Sampling Time 1540

Sample Splits Collected for N/A

ESE Sample Number P78-S*76
P78-G-S*16

Fraction Sampled SV SS SS SS

Visual Appearance of Sample dry, frozen

Sampling Location Approximately 180 ft ^{east CDD} west of "R" st.

Sampling Method Composite into SS BUCKET

Weather Conditions Now Foggy, COLD

Precipitation Past Day Lt. dusting of snow

Comments/Remarks ground frozen, broke surface w/ Spade,
sampled w/ SS spoon, soil is v. hard - difficult
to sample.

Collected by C. Dreier 12-6-88
Signature Date

Checked by [Signature] 3/22/89
Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID FVDSS8

Date 12-15-88

Sampling Time 1400

Collected by C. Dreier, D. Heeduckson

ESE Sample Number P78-4-S*18

Sample Splits Collected for N/A

P78-S*29 100(CD)

P78-S*30 (Dup)

P78-4-S*19 (Dup)

Fraction Sampled SV SS _____

Visual Appearance of Sample _____

Sampling Location Faunt valley drainage road upgradient near fence

Sampling Method composite shallow sediment (grab)

Weather Conditions Now cold, sunny, very windy

Precipitation Past Day trace

Comments/Remarks _____

RWBK- *1

Dup samples collected for Denver +
Garnesville (herbicides) labs. GNV Riverwater blanks
reported as FVDSS7 in herbicide report.

Collected by C. Dreier

12-15-88

Signature

Date

Checked by [Signature]

2/22/89

Signature

Date

BLUE CREEK DRAINAGE
SAMPLING FORMS

SOIL/SEDIMENT SAMPLING FORM

Station ID BCSB1

Date 12-8-88

Collected by C. Dreier, K. Larsen, D. Henderson

Sampling Time 1100/1200

ESE Sample Number P78-S*38
P78-S*39

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS)

Visual Appearance of Sample sandy, silty clay

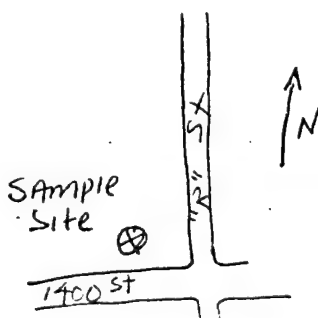
Sampling Location west of "R" St. in drainage ditch
approximately 50 ft from "R".

Sampling Method hand driven split spoon

Weather Conditions Now cold, sunny

Precipitation Past Day none

Comments/Remarks Samples collected at 2-4' and 6-8'
intervals.



Collected by C. Dreier 12-8-88
Signature Date

Checked by [Signature] 3/2/89
Signature Date

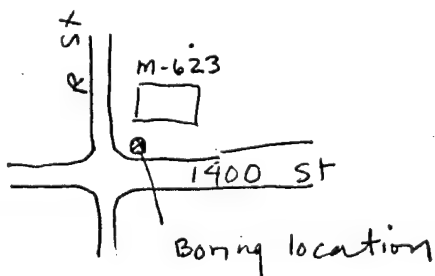


PROJECT NUMBER 89946	BORING NUMBER BC5B1	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT Plant 78 LOCATION 400 St. ditch, W. of "P" St.
ELEVATION N/A DRILLING CONTRACTOR N/A
DRILLING METHOD AND EQUIPMENT Hand driven split spoon
WATER LEVEL AND DATE 1st water on surface START 1040 12/8/88 FINISH 1300 12/8/88 LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2'	split spoon	23 1/2"		CL sandy (med. gnd), silty clay v. dk grayish brown, 10YR 3/2; moist, firm; plastic; $\approx 15-10\%$ sand & silt; <u>silty clay loam</u> , structureless		
	2							actual depth = 2.3'
	3	2-4'	split spoon	23 1/2"		CL med-v. ccs sandy, silty clay; med. gnd sd - 1" layer of crs-v. ccs gnd sd near base; moist, firm; slightly plastic; <u>silty clay loam</u> ; 10YR 3/2 v. dark grayish brown; incr. in sand near base $\approx 15\%$; structureless		TIP = 2.1 in borehole after 3 rd split spoon BC5B1A sample 1A @ 1100 sample ID P7B-sk 38
	4							TIP = 7 in borehole actual depth = 4.0'
	6	4'-6'	split spoon	2.0'		CL sandy, silty clay; med gnd sand $\approx 10\%-15\%$ 10YR 4/2 dk grayish brown; moist firm; wet @ top - water coming into hole fm. surface; slightly plastic; <u>silty clay loam</u> ; structureless; more sand than above; Fe stains espec. in lower 1/2 appear to be along root structures (vert.)		

SOIL/SEDIMENT SAMPLING FORM

Station ID BCSB 2Date 12-8-88Collected by C. Dreier, D. Henderson,
15. LarsenSampling Time 1500/1520ESE Sample Number P78-S*40
P78-S*41Sample Splits Collected for N/AFraction Sampled SV SS _____Visual Appearance of Sample Silty, sandy claySampling Location east of "R" st (20 ft)Sampling Method hard driven split spoonWeather Conditions Now cold, sun sinking to westPrecipitation Past Day noneComments/Remarks very muddy location.samples collected at 2-4' and 6-8' intervalsCollected by C. Dreier 12-8-88
Signature DateChecked by [Signature] 3/22/89
Signature Date

PROJECT NUMBER 89946	BORING NUMBER BCSB2	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT Plant 78 LOCATION 1400 St. Ditch, just west of "e" ^{CST}
ELEVATION N/A DRILLING CONTRACTOR N/A CDD
DRILLING METHOD AND EQUIPMENT Hand driven split spoon
WATER LEVEL AND DATE NA START 1430 12/8/88 FINISH 1535 12/8/88 LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2'	split spoon	1.5' 2.0'		CL silty; 10YR 3/3 dark brown; moist, firm; plastic; <u>clay</u> ; structureless		
	2		↓					actual depth = 2.5'
			↓					TP = .9 above background in borehole
			split spoon			CL silty; sandy silty near base		
	4	2.5-4	split spoon	1.5 1.5		10YR, 3/3 dark brown; moist firm; plastic; structureless; <u>clay</u>		sample (A) BCSB2A @ PTB-S*40 1500
			↓					
			split spoon	2.0' 2.0'		CL silty, some sandy (fine grd) horizons; 10YR 4/3 dark brown; moist firm; slightly plastic; <u>clay</u> & silty <u>clay</u> loam horizons; structureless		
			↓					
	6		↓					actual depth 6.0'

BORING NUMBER

89946

RLSRZ

SHEET 2 OF 2

SOIL BORING LOG

PROJECT Plant 78

ELEVATION N/A

DRILLING CONTRACTOR N/A

LOCATION 1400 St. Ditch; just ^{East} west of R "A"
N/A CD

DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOON

WATER LEVEL AND DATE NA

START 1430 12/8/88 FINISH 1535 12/8/88 LOGGER D. HENDRICKSON

[illegible]

SOIL/SEDIMENT SAMPLING FORM

Station ID BCSB3Date 12-8-88Collected by C. Dreier, D. Hendrickson,
K. LarsenSampling Time 1615/1640ESE Sample Number P78-S*42
P78-S*43Sample Splits Collected for N/A

Fraction Sampled

☒ SV ☒ SSVisual Appearance of Sample silty clay (A) ; v. fine sand (B)Sampling Location west of "R" st at 1500, approximately
30 ft west of "R"Sampling Method hard driven split spoonWeather Conditions Now cold, twilightPrecipitation Past Day noneComments/Remarks soil very hard, difficult to drive
samples collected at 2-4' and 6-8' intervalsCollected by C. Dreier 12-8-88 DateChecked by [Signature] 3/22/99 Date



PROJECT NUMBER

89946

BORING NUMBER

BCSB 3

SHEET 1 OF 2

SOIL BORING LOG

PROJECT Plant 78LOCATION 1500 St. Ditch, just west of "P" HELEVATION N/ADRILLING CONTRACTOR N/ADRILLING METHOD AND EQUIPMENT Hand driven split spoonWATER LEVEL AND DATE N/ASTART 1550 12/8/88 FINISH 1655 12/8/88 LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
	0	0-2'	split spoon	1.7 2.0		CL silty in upper 1/2; silty, sandy (fine grd sand) in lower 1/2; 10YR 4/3 brown to dk brown; moist, very firm; slightly plastic; structureless; clay		difficult to drive pipe - soil hard (make that very hard)
	2	2-4'	split spoon	1.2 2.0		CL upper 1' silty; lower .2' more silty; disseminated black organic material; moist, very firm; slightly plastic; structureless;		
	4		sample BCSB3A @ 1615			clay in upper part, silty clay loam in lower part; 10YR 4/2 dk grayish brown		Sample P7B-S#42
	6	4-6'		1.75 2.0		ML sandy, clayey; sandy horizon in upper .2' (v. fine to med grd); 10YR 5/3 brown; moist, firm; nonplastic; minor Fe staining, disseminated; structureless silty clay loam		actual depth = 4.0'
	8							act. depth = 6.0' TIP = .2 above bk grd

BOIRING NUMBER

89946

BCSB 3

SHEET 2 OF 2

SOIL BORING LOG

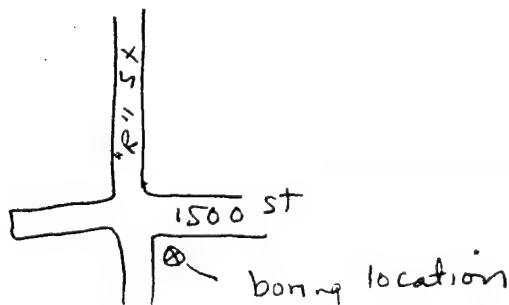
PROJECT Plant 78 LOCATION 1500 St. Ditch, just west of
ELEVATION N/A DRILLING CONTRACTOR NA "R" Ave
DRILLING METHOD AND EQUIPMENT Hard driven split spoon
WATER LEVEL AND DATE N/A START 1550 12/8/88 FINISH 1655 12/8/88 LOGGER D. Hendrickson

[illegible]

SOIL/SEDIMENT SAMPLING FORM

Station ID BCSB4Date 12-13-88Sampling Time 1610/1650Collected by C. Oren, K. Larsen, D. HendersonESE Sample Number P78 # 82 (Dup)
P78 # 44
P78 # 45Sample Splits Collected for N/AFraction Sampled (SV) (SS)Visual Appearance of Sample Silty, clayey, sandSampling Location East of "R" St at 1500 St, approximately
10 ft east of "R", 50 ft south of 1500 StSampling Method hand driven split spoonWeather Conditions - Now cold, getting darkPrecipitation Past Day none

Comments/Remarks

Duplicate sample (P78 - 5 # 82) collected for
P78 - 5 # 44.Collected by C. Oren 12-13-88

Signature

Date

Checked by

[Signature]
Signature3/22/89

Date

PROJECT NUMBER

89946

BOIRING NUMBER

BCSR-4

SHEET 1 OF 1

SOIL BORING LOG

PROJECT *Plant 78*

ELEVATION N/A

LOCATION South side of 1500 St 9
East of "R" Avenue

DRILLING METHOD AND EQUIPMENT Hand driven split spoon

WATER LEVEL AND DATE N/A

START 1545 12/13/88 FINISH 1715 12/13/88 LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	SYMBOLIC LOG	COMMENTS
		INTERVAL	TYPE AND NUMBER	RECOVERY	6"-6"-6" (N)	NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL		DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	0	0-2	split spoon	1'10" / 2.0'		ML sandy (v. fine to fine), clayey; 10YR 4/4 dark yellowish brown; moist, firm; slightly plastic; 30% clay, 30% sand, 40% silt clay loam; rhizomes; calcareous		
2		2-4'	split spoon sample B @ 1610	1'2" / 2.0'		SC sand - v. fine to fine, clayey, silty; 10YR 4/3 brown to dk brown; moist, firm; non plastic slightly plastic; ~ 5-10% clay; 40% silt; 50% sand loam - calcareous, rhizomes; trace (black) organic material		depth = DH 778-S*44 sample A 1610 + duplicate DUP 1 CDD Dup sample 10 = PTB-S*82
4		4-6		1'10" / 2.0'		SC same as above except non plastic, more organic material disseminated Fe; more silt ~ 10% clay, 50% silt, 40% sand loam;		get depth = 3'11" tip = 8.0 above bkg
6								6.0' ad. depth 7.5'

PROJECT NUMBER

89946

BORING NUMBER

 $BC < AB$ 4

SHEET 2 OF 2

SOIL BORING LOG

PROJECT Plant 78

LOCATION So. of 1500 St. & East of

ELEVATION N/A

DRILLING CONTRACTOR

"R" Ave.

DRILLING METHOD AND EQUIPMENT Hand driven split spoon

WATER LEVEL AND DATE N/A

START 1545 12/13/88 FINISH 1715 12/13/88 LOGGER D. Hendryckson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	SYMBOLIC LOG	COMMENTS
		INTERVAL	TYPE AND NUMBER	RECOVERY	6"-6'-6" (N)	NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL		DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	6'-8'	6'-8'	split spoon sample 3C5B 4B	1'9" 2.0'		SC same as 4-6' sample except slightly plastic 10% clay, 50% silt, 40% sand <u>loam</u>		sample ⑧ @ 1650 P7B-S+45
	8'-10'							

SOIL/SEDIMENT SAMPLING FORM

Station ID BCSB5

Date 12-5-88

Collected by C. Dreier, Pierson, Larson

Sampling Time 1330

ESE Sample Number P.78-S*46
P78-S*47

Sample Splits Collected for N/A

Fraction Sampled SV SS SS

Visual Appearance of Sample moist, clays and silts

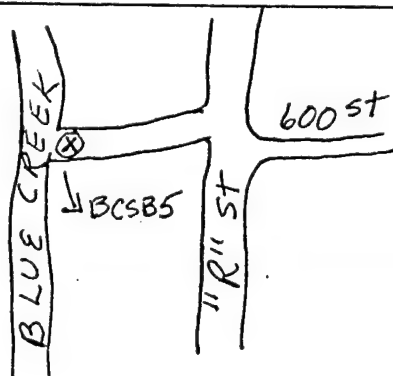
Sampling Location Near confluence of N. 600st culvert
and Blue Creek

Sampling Method HAND DRIVEN SPLIT SPOON

Weather Conditions Now COLD, SUNNY

Precipitation Past Day NONE

Comments/Remarks Sample taken in Ditch bottom
SEE BORING LOG, Tip MAY BE MALFUNCTIONING, IT
IS SLOW TO RETURN TO ZERO



Collected by C. Dreier 12-5-88
Signature Date

Checked by [Signature] 3/22/89
Signature Date



600 St. Culvert

PROJECT NUMBER 89946-0300	BORING NUMBER BCSB5	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT Plant 78 LOCATION 600 St North culvert ditch
ELEVATION N/A DRILLING CONTRACTOR N/A
DRILLING METHOD AND EQUIPMENT HAND DRIVEN SPLIT SPOON
WATER LEVEL AND DATE N/A START 12/30 12/5/88 FINISH 1430 12/5/88 LOGGER C. Dreier

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-5"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
0	0	0-2	SPLIT SPOON	2.0/2.0		CL Silty to fine grained sand med. dk brown 10YR 3/3 moist, friable, silty clay loam generally structureless, thin horizons of coarse sand + small pebbles.	CL	tip - 0.2 in borehole
1			SPLIT SPOON			ML Silty, lt to med brown 10YR 4/4 moist, friable, silt loam weak structure, some horizons w/ v. fine - fine sand	ML	
2		2-4		1.8/2.0		ML Silty, med brown 10YR 3/3 wet, slightly sticky, slightly plastic, silt loam, weak structure	ML	→ actual depth 2.1' tip = 0.4 on spoon, 0.7 in borehole Sample: CDD BCSB5A 10# P18-S*46
3						ML Silty, med brown 10YR 0/3 moist, slightly plastic, friable silt loam, weak structure some pebble rich horizons	ML	
4						CL Clay-rich, some minor amounts of moist silt, lt to med brown 10YR 4/4 wet, s. plastic, structureless sticky	CL	→ actual depth 4.7' tip = 0.8 in borehole
5				2.0/2.0		CL-OH clay, lt. brown 10YR 5/5, moist to wet, s. plastic structure less, sticky	CL/OH	
6								

PROJECT NUMBER 89946	BORING NUMBER BCSB5	SHEET 2 OF 2
SOIL BORING LOG		

PROJECT Plant 78 LOCATION 600 ft North culvert ditch
ELEVATION N/A DRILLING CONTRACTOR N/A
DRILLING METHOD AND EQUIPMENT HAND DRIVEN split spoon
WATER LEVEL AND DATE N/A START 1230 12-5-88 FINISH 1410 12-5-88 LOGGER C. Dreier

ELEVATION	DEPTH BELOW SURFACE	SAMPLE INTERVAL TYPE AND NUMBER RECOVERY	STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
b	0			C1-OH ▽ Same as above clay, moist to wet, slightly plastic, sticky, lt brown no R S I S, structureless	CL/OH	
7	6-8	splix spoon 2.0 / 2.0		Same as above		SAMPLE CDD BCSB SB ID# PTB-S*47
8						
9						TD = 8.5'
				C.Drier		

SOIL/SEDIMENT SAMPLING FORM

Station ID BCSB6

Date 12-5-88 → 12-6-88

Collected by C. Dreier, D. Hendrickson

Sampling Time 1600 12-5-88

ESE Sample Number P-78-S*48
P-78-S*49

Sample Splits Collected for N/A

Fraction Sampled SV SS SS

Visual Appearance of Sample moist silts and clays

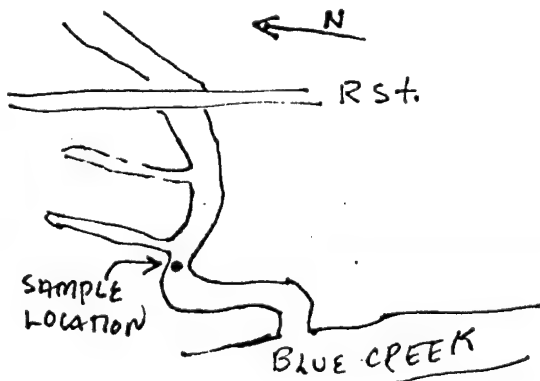
Sampling Location IN FAUST VALLEY DRAINAGE DITCH, WEST
of "R" St.

Sampling Method SPLIT SPOON - HAND DRIVEN

Weather Conditions Now COLD, CLOUDY (FOGGY)

Precipitation Past Day V. lt snow

Comments/Remarks Drive hammer broke after 3rd spoon
was collected, Pipe left overnight in borehole.
collected 4th spoon next morning.



Collected by C. Dreier 12-5-88
Signature Date

Checked by [Signature] 3/22/97
Signature Date



PROJECT NUMBER

89946

BORING NUMBER

BCSB6

SHEET 1 OF 2

SOIL BORING LOG

PROJECT Plant 78

ELEVATION

N/A

LOCATION

Downgradient Faust Valley Drains

DRILLING METHOD AND EQUIPMENT

Hand driven split spoonWATER LEVEL AND DATE dry, 2" snowSTART 1529 12/5/88FINISH 1000 12/6/88LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS
		INTERVAL	TYPE AND NUMBER	RECOVERY				DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
0	0	0-2'	split spoon	2.5/2.5		CL upper 4", gravelly to v. crs. grad sandy lower part silty; 10YR 2/3 dark brown; Fe stains, some along roots possibly; in upper part scattered black org. material; moist, friable hard; slightly plastic; clay texture; structureless	CL	
2	2	2-4'						actual drive depth = 2.5' actual depth 2.5' tip =
3	3		1.5/1.5			CL silty, 10YR 5/2 grayish brown, org. & Fe staining as above slightly plastic; moist, firm; clay texture; structureless	CL	CDD sample @ BCSB6A ID# P78-3448 @ 1530
4	4					upper 12" - CL silty, 10YR 4/2, dk grayish brown, disseminated Fe stains; rare pebbles scattered black org. material; moist, firm; plastic; silty clay loam text; structureless	CL	actual depth 4.0' tip = 8.0
5	5	4-6'	2.0/2.0			lower 12" - ML clayey, 10YR 5/3 brown; very fine org. mat'l; moist, friable; non plastic, silt loam text.; faint laminations		actual depth = 6.0' tip = 10.0
6	6							



PROJECT NUMBER

89946

BORING NUMBER

BCSB6

SHEET 2 OF 2

SOIL BORING LOG

PROJECT Plant 78LOCATION Downgradient Faust Valley DrainageELEVATION DRILLING CONTRACTOR N/ADRILLING METHOD AND EQUIPMENT Hand driven split spoonWATER LEVEL AND DATE dry, 2" snowSTART 1529 12/5/88 FINISH 1000 12/6/88LOGGER D. Hendrickson

ELEVATION	DEPTH BELOW SURFACE	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION NAME, GRADATION OR PLASTICITY, PARTICLE SIZE DISTRIBUTION, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOLIC LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
		INTERVAL	TYPE AND NUMBER	RECOVERY				
6	6-8			2.0 2.0		clay Silty, H. brown 2.5y 5/2 grayish Clay-rich, some black organic matter, slightly plastic, moist, friable	CL	Driver broken hole set overnight prior to collection of this sample. tip in borehole 0.8 core headspace (confined) 3.0 sample BCSB6 BCSB6B
						Silty clay lam, lower 8" H grey brown, 2.5y 5/2 moist, non plastic, v. friable no apparent structure	CL	1st 178-S*49 @ 1000
8								

WATER
SOIL/SEDIMENT SAMPLING FORM

Station ID BCSWS1

Date 12-14-88

BCSS1

Sampling Time 1600

Collected by C. Dreier, K. Larson, D. Hendrickson ESE Sample Number P78-S*30
P78-W*7

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS) V V V V V C O

Visual Appearance of Sample cloudy

Sampling Location down gradient of Plant 78

Sampling Method grab

Weather Conditions Now sunny, cold

Precipitation Past Day none

Comments/Remarks

pH = 8.30
Sp cond = 6090

Collected by C. Dreier 12-14-88
Signature Date

Checked by [Signature] 3/22/89
Signature Date

~~WATER~~
~~SOIL~~ SEDIMENT SAMPLING FORM

Station ID BCSW52

Date 12-14-88

Collected by C. Dreier, D. Hardickson
K. Larsen

Sampling Time 1530

ESE Sample Number P78-W*8

Sample Splits Collected for N/A

Fraction Sampled SV SS V V V V V C O

Visual Appearance of Sample S. cloudy

Sampling Location Southern ditch associated w/ interceptor
ditch, sampled at confluence of ditch & Blue Creek

Sampling Method grab

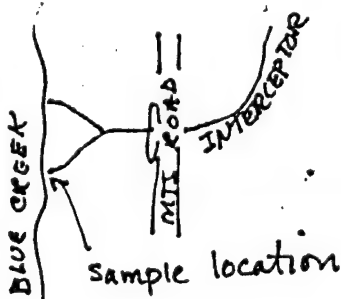
Weather Conditions Now sunny, cold

Precipitation Past Day none

Comments/Remarks

pH, sp. cond. collected at station BCSW53

pH = 8.30, sp cond = 16090



Collected by Christie Dreier 12-14-88

Signature

Date

Checked by

Signature

Date

WATER
SOIL/SEDIMENT SAMPLING FORM

Station ID BCSWS 3

Date 12-14-88

Collected by D. Henderson, K. Larsen
C. Dreier

Sampling Time 1500

ESE Sample Number P78-WX9

Sample Splits Collected for N/A

Fraction Sampled SV SS V V V V V W C

Visual Appearance of Sample S. silty, cloudy

Sampling Location at confluence of Northern most drainage ditch
associated w/ interceptor ditch and Blue creek in Blue Creek

Sampling Method grab

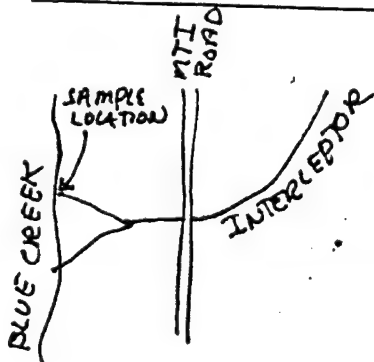
Weather Conditions Now Sunny, cold

Precipitation Past Day none

Comments/Remarks ditch dry.

pH = 8.30 @ 2.9°C

Sp cond = 6090 @ 25°C



Collected by C. Dreier 12-14-88
Signature Date

Checked by [Signature] 5/22/09
Signature Date

~~SOIL~~ ^{WATER} SEDIMENT SAMPLING FORM

Station ID BC SWS 4

Date 12-14-88

Collected by C. Dreier, D. Hendrickson

Sampling Time 1730

Sample Splits Collected for N/A

ESE Sample Number P78-W*10

Fraction Sampled SV SS V V V V V C G

Visual Appearance of Sample Cloudy

Sampling Location upgradient of landfill approximately
1/4 mile (collected in Blue Creek)

Sampling Method grab

Weather Conditions Now twilight, cold

Precipitation Past Day none

Comments/Remarks access difficult, banks steep, rocky,
treacherous, dropped cubitainer coming back up.
as it was getting dark we collected cubitainer
sample at a location 50 yards upstream where
access was a little easier. ditches dry in this area.

pH = 8.43 @ 1.2

sp cond = 6060

Collected by Christine Dreier 12-14-88

Checked by [Signature] 3/22/89

ESEENVIRONMENTAL SCIENCE AND ENGINEERING, INC.
7332 SOUTH ALTON WAY • SUITE H-1
ENGLEWOOD, COLORADO 80112 • 303/741-0639PAGE 1 OF 1WATER
SOIL/SEDIMENT SAMPLING FORMStation ID BCSW55
BC35ZDate 12-15-88Sampling Time 1600Collected by C. Dreier, D. HendricksonESE Sample Number ^{CDD} BC P78-W*11
P78-S*51Sample Splits Collected for N/AFraction Sampled SV SS V V V V V C OVisual Appearance of Sample CloudySampling Location downgradient of landfill approximately
100 yardsSampling Method grabWeather Conditions Now coldPrecipitation Past Day noneComments/Remarks Duplicate samples collected
ID# = P78-W*27; P78-S*81PH = 8.36sp cond = 8780Collected by C. Dreier 12-15-88Checked by [Signature] 3/22/89

Water
-SOIL/SEDIMENT SAMPLING FORM

Station ID BCSWS7
BCSWS6
~~BCSWS5~~ CDD
BCSS3

Date 12-2-88

Sampling Time 1711

Collected by KEVIN PIERSON, C. Drier, K. LARSON ESE Sample Number P-78-W*12,
P-78-W*13,
P-78-S*52,

Sample Splits Collected for N/A

Fraction Sampled SV SS SS V V V 0 WC

Visual Appearance of Sample CLOUDY

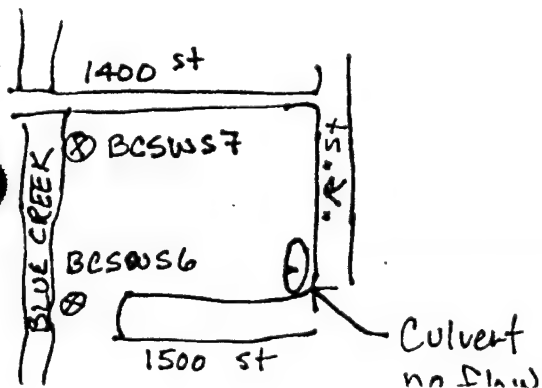
Sampling Location BCSWS 7 at the 1400 St Culvert (southside)
BCSWS6 IN VICINITY OF 1500 St culvert (CONFLUENCE)
SEDIMENT SAMPLE COLLECTED AT #6

Sampling Method Surface grab

Weather Conditions Now twilight, calm, cold

Precipitation Past Day none

Comments/Remarks steep access, used waders to reach
location BCSWS6, no other apparent access.
Culvert dry, banks frozen, thick ice on banks
pH = 8.57 at 0.5°C
cond = 6300



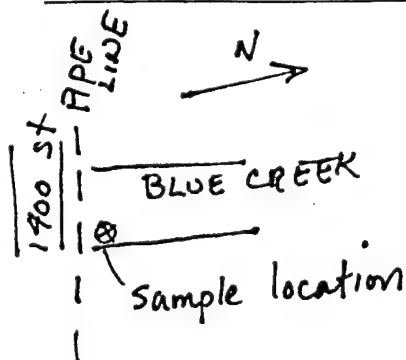
Collected by C. Drier 12-2-88
Signature Date

Checked by [Signature] 3/22/89
Signature Date

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PAGE

OF

Water and Soil
SOIL SEDIMENT SAMPLING FORMStation ID BCSWS8
BCSS 4Date 12-2-88Sampling Time 1600Collected by KBP, Ken Larsen, Chris Dreier ESE Sample Number P78-W*14
P78-S*53Sample Splits Collected for N/AFraction Sampled SV SS O V V V CVisual Appearance of Sample CloudySampling Location at inlet of 1400 st. culvert on
Blue CreekSampling Method surface grabWeather Conditions Now sunny, calm 30° FPrecipitation Past Day noneComments/Remarks steep access, tributary culverts dry
ice on stream banks.pH = 8.57 at 0.9°Ccond 5900 at 25°CCollected by Chris Dreier 12-2-88Checked by [Signature] 3/22/89

water
SOIL/SEDIMENT SAMPLING FORM

Station ID BCSW509
BCSW BC3505 Date 12/2/88
Sampling Time 1510
P78 WX153
P78 S*54 ESE Sample Number 2
Collected by Kevin Pierson, Chris Dreier, Ken Larsen
Sample Splits Collected for N/A
Fraction Sampled SV SS SS V V V C O W
Visual Appearance of Sample slightly cloudy

Sampling Location Blue creek just south of Bldg. M-627 and
downstream of confluence

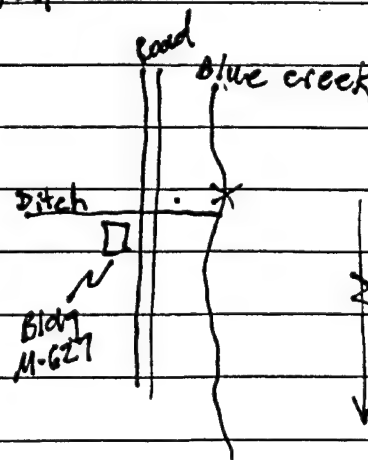
Sampling Method surface grab

Weather Conditions Now clear, slight breeze, sunny

Precipitation Past Day none

Comments/Remarks steep access no flow in ditch
gaged stream at this location

pH 8.64 at 1.2°C
cond 6140



calibration

pH 7.12 at 0.4°C
10.31 at 0.4°C
cond 1413 at 25°C

Collected by Kevin Pierson 12/2/88
Signature Date
Checked by C. Dreier 12/2/88
Signature Date

WATER

~~SOIL~~ SEDIMENT SAMPLING FORM

Station ID <u>BCSW310</u> <u>BCSW511</u> <u>+ BCS56</u>	Date <u>12/2/88</u>
Collected by <u>Kevin Pearson Chris Drier Ken Larson</u>	Sampling Time <u>0900</u>
Sample Splits Collected for <u>N/A</u>	ESE Sample Number <u>P78W*16</u> <u>P79W*17</u> <u>P79S*55</u>
Fraction Sampled SV SS <u>SS</u> <u>D</u> <u>V</u> <u>V</u> <u>V</u> <u>W</u> <u>C</u>	
Visual Appearance of Sample <u>slight sedimentation, green brown color (p. 2)</u>	
Sampling Location <u>At Blue creek directly west of North back ditch</u> <u>for 600 Street</u>	
Sampling Method <u>Surface grab</u>	
Weather Conditions Now <u>clear sunny slight breeze 26°F</u>	
Precipitation Past Day <u>none</u>	
Comments/Remarks <u>stream approx 1/2 frozen will attempt to</u> <u>gauge after noon today.</u> <u>pH 8.41 at 0.4°C</u> <u>Cond. 6630</u>	
	<u>BCSW10</u>
	<u>600 St</u>
	<u>6 Ave</u>
	<u>sample site</u>
	<u>BCSW11</u>
	<u>BCS56</u>

Calibration
pH 7.11 at 0.7°C
7.12 at 0.4°C
10.31 at 0.4°C

Collected by Kevin Pearson 12/2/88
Signature Date
Checked by C. Drier 12-2-88
Signature Date

Water
~~SOIL~~/SEDIMENT SAMPLING FORM

Station ID BCSWS 13

Date 12-3-88

Collected by K. Pierson, C. Dreier

Sampling Time 1000

Sample Splits Collected for N/A

ESE Sample Number P78-W #19

Fraction Sampled ST SS O W V V V C

Visual Appearance of Sample Cloudy

Sampling Location East side of holding pond at base (down-gradient) of NORTH DRAINAGE DITCH

Sampling Method Grab

Weather Conditions Now Cold, partly cloudy

Precipitation Past Day NONE

Comments/Remarks POND FROZEN, 2-3 IN OF ICE

BROKE ICE W/ HAMMER TO COLLECT SAMPLE

Water appears stagnant, alot of algae

pH = 8.05 @ 5°C

COND = 1430

Collected by Chris Dreier 12-3-88

Signature

Date

Checked by [Signature]

Signature

3/22/89

Date

WATER
SOIL/SEDIMENT SAMPLING FORM

BC957, BCSWS14

Station ID 1/2 mi UpGRD of
PLANT 78

Date 12-3-88

Sampling Time 1245

Collected by K. Pierson, D. Henderson

ESE Sample Number P78-S*56
P-78-W*20

Sample Splits Collected for N/A

Fraction Sampled SV SS SS C O V V V W

Visual Appearance of Sample Slightly Cloudy

Sampling Location 1/2 mile upgradient of P78.

Sampling Method grab

Weather Conditions Now SUNNY, COLD

Precipitation Past Day NONE

Comments/Remarks UPGRADIENT OF 30' WEIR

pH = 8.10 @ 2.0°C

sp cond = 5700

ASKED PERMISSION AT HUNTING CLUB TO ENTER

FARMER'S LANDS

Collected by Kevin Pierson 12/3/88
Signature Date

Checked by Chris Dreier 12-5-88
Signature Date

WATER
SOIL/SEDIMENT-SAMPLING FORM

BCSW515

Station ID 1 mi up RD of
MTT/PLANT 78

Date 12-3-88

Sampling Time 1245

Collected by C. Dreier, D. West

ESE Sample Number P78-W*21

Sample Splits Collected for N/A

Fraction Sampled SV SS O V V V W C

Visual Appearance of Sample slightly cloudy

Sampling Location directly west from Rte 88 along fence
line, sampled just south at small dam

Sampling Method grab

Weather Conditions Now SUNNY, cold

Precipitation Past Day NONE

Comments/Remarks

pH = 8.08 @ F. 8°C

Sp cond = 3803

Collected by

[Signature]
Signature

12/3/88

Date

Checked by

Chris Dreier
Signature

12-5-88

Date

M-585 FRENCH DRAIN SITE
SAMPLING FORMS

RECORD OF ACTIVITIES AT WELL SITE
FIELD SAMPLING DATA SHEET

Page 1 of 2

Well Number P-2 Location M-585 Date 1-26-89
Project DANT 70 Phase II Stage 2 Project No. 89946 Samplers C. DREIER R. CHESSON
Station Elevation 4541.72 Well Slick Up 2.5 Supervisor C. Dreier
Well Depth 178.6 Casing Diameter 4" Water Level (From TOC) 131.4
Gallon Water / Ft. .653 Casing Volume 30g (50 included) Screened Interval 156.60 - 177.14
PID Readings (Bkgrnd) 1.1 TOC 1.1

FIELD CHEMISTRY

Calibration: Time 1030 pH 7.00 7.04 at 9.1 °C pH 10.00 10.00 at 8.6 °C
Conductance: Standard 1413 umhos/cm at 25 °C Reading 414 umhos /cm at 25 °C
D.O. Meter: N/A mg/l at — °C

Condition of Well GOOD (WELL LOCKING DEVICE DAMAGED WHEN WE ARRIVED AT
SITE IN EARLY DECEMBER. WELL WAS UNLOCKED.
REPAIRED BY NTHI STAFF IN EARLY DECEMBER)

Time	Pumping Rate gpm	D.O. mg/l	pH	Temp. °C	E.C. umhos/cm at 25 °C	Cum. Vol. of H ₂ O Removed		PID Reading		Comments
						gallons	Casing Vols.	Loc.	Value	
1140	N/A	N/A	7.10	12.9	1571	5		TOC	0.0	BROWN, SIFTY NO APPARENT ODOR
1400	N/A	N/A	7.33	13.5	1516	30		TOC	0.0	BROWN
1500	N/A	N/A	7.28	13.5	1531	62				Brown - NO ODOR
						77				TOTAL BAILED
										pump now
										available - decided
										to purge remaining
										volumes w/ pump.

Remarks: _____

FIELD EQUIPMENT

pH meter ORION ESE #2 1063 Serial No. _____
E.C. meter CUPTIN ESE #4 14274 Serial No. _____
Pump N/A MATHESON Serial No. _____
Water Level Meter SOLIMET Serial No. _____
D.O. Meter N/A Serial No. _____
Filter Apparatus N/A Filters _____
Temperature Measure pH meter
Baller 4' 3 1/2" SS Size _____

SAMPLING DESCRIPTION:

Fractions: V V V V W W DB DC NF C S GCMS Dup.
No. of Bottles CDD
Sample Depth _____
Field Notebook No. _____
Sample Method _____
Discharge H₂O Contaminized — Yes — No.

Checked by Rehner
3/28/89

RECORD OF ACTIVITIES AT WELL SITE
FIELD SAMPLING DATA SHEET

Page 2 of 2

Well Number P-2 Location M-585 Date 1-29-87
Project PLANT 78 STAGE 2 Project No. 89946 Samplers C. DREIER R. CHESMAN
Station Elevation 4541.72 Well Stick Up 2.5 Supervisor D. West
Well Depth 178.0 Casing Diameter 4" Water Level (From TOC) 131
Gallon Water / Ft. CO₂ 47.653 Casing Volume 50.9 (including SATURATED Annulus) Screened Interval 156.60 - 177.14
PID Readings (Bgknd) 1.7 ppm TOC 1.7 ppm

FIELD CHEMISTRY

Calibration: Time 1330 pH 7.00 - 7.35 at 25.3 °C pH 10.00 - 10.23 at 6.6 °C
Conductance: Standard 1413 umhos/cm at 25 °C Reading 1413 umhos/cm at 25 °C
D.O. Meter: N/A mg/l at N/A °C

Condition of Well Good - see pg. 1.

Time	Pumping Rate gpm	D.O. mg/l	pH	Temp. °C	E.C. umhos/cm at °C	Cum. Vol. of H ₂ O Removed		PID Reading		Comments
						gallons	Casing Vols.	Loc.	Value	
1500	5 gpm		5.94	25.3	1648	5	INITIAL			muddy
1510			6.12	25.3	1760	50	1			CLEAR
			RAISED pump 30 ft							
1540	7 gpm		6.76	25.3	1730	100	2	Disch	0	CLEAR
1550	5 gpm		7.06	25.2	1662	150	3	Disch	0	CLEAR
1555	5 gpm		7.73	25.2	1770	200	4	Disch	0	CLEAR
1602	5 gpm		6.43	25.3	1690	250	5	Disch	0	CLEAR
1620										CDD
Total						350				CLEAR

Remarks: SAMPLE TIME 1720, Sample DEPTH ≈ 140'

FIELD EQUIPMENT

pH meter BECKMAN Serial No. 016084
E.C. meter C. MATHESON Serial No. 14274
Pump GRUNDFOS Serial No. -
Water Level Meter Solinst Serial No. 500 ft
D.O. Meter N/A Serial No. -
Filter Apparatus N/A Filters -
Temperature Measure pH METER
Bailer teflon-dedicated Size 2"

SAMPLING DESCRIPTION:

Fractions V V V V V W W DB DC NF C S GCMS Dup C
No. of Bottles 8
Sample Depth 140'
Field Notebook No. -
Sample Method sampled w/ teflon bailer
Discharge H₂O Containerized Yes ☒ No.

total volume Purged — 74 gallons bailed on 1-26-89, 350 gallons
pumped on 1-29-89. Checked by R. Chaman

SOIL/SEDIMENT SAMPLING FORM

Station ID P-6 M-585

Date 1/11/89

Collected by D. WEST

Sampling Time 1457

ESE Sample Number M585B1A (SAMPLE # 57)
P78-G-SX5

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS)

Visual Appearance of Sample loam - sandy loam w/ rock fragments

Sampling Location P-6 borehole at 25-26 1/2 ft.

Sampling Method collect from split spm.

Weather Conditions Now Very cold,

Precipitation Past Day 2-3 inches snow.

Comments/Remarks

Collected by

[Signature]
Signature

1/11/89
Date

Checked by

[Signature]
Signature

3/20/89
Date

SOIL/SEDIMENT SAMPLING FORM

Station ID M-585 P-6

Date 1/12/89

Collected by D. WEST

Sampling Time 1020

ESE Sample Number M 585 B1B (SAMPLE # 58)

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS)

Visual Appearance of Sample reddish-brown silt/clay, numerous ^{small} quartz & quartzite rocks - sandstones.

Sampling Location from P-6 borehole at 51 1/2 - 53

Sampling Method Collect from split spoon

Weather Conditions Now Snowing - very cold \approx 10-12°F

Precipitation Past Day about 2-4" snow.

Comments/Remarks

Collected by D. West 1/12/89

Signature Date

Checked by Robert A. Khan 3/29/89

Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID M-585 P-6 Date 1/12/89
Collected by D. West Sampling Time 1148
Sample Splits Collected for N/A ESE Sample Number M585 BIC (Sample # 59)
Fraction Sampled (SV) (SS)
Visual Appearance of Sample wet clayey sands w/ abundant gravels & rock fragments. Some dark gray material - may be contamination.
Sampling Location borehole - at 75-76 1/2 ft. depth
Sampling Method Collect from split spoon.
Weather Conditions Now Snowing - very cold (10-12 °F).
Precipitation Past Day 2-3 inches snow.
Comments/Remarks _____

Collected by _____

Signature

Date

Checked by Robert H. Chen

Signature

Date

SOIL/SEDIMENT SAMPLING FORM

Station ID M-SBS P-6

Date 1/12/89

Collected by D. West

Sampling Time 1610

ESE Sample Number M-SBS BID (Sample # 60)

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS)

Visual Appearance of Sample Slightly moist sandy clay - visibly "stained" dark gray, some large (2") granite pebbles.

Sampling Location barrel hole at 89-90 1/2 ft.

Sampling Method Collected from split spoon.

Weather Conditions Now Snowing lightly - very cold (10-12°F)

Precipitation Past Day 2 1/2" snow.

Comments/Remarks Lead space in sampler taken w/ TLP

Readings on SS fractions ~ 100 ppm

Readings on SV fractions ~ 20 ppm

Dup collected P78 - S-X85

Collected by [Signature] 1/12/89
Signature Date

Checked by [Signature] 1/20/89
Signature Date

checked 3/17/89
RHz

Checked 3/17/89
RHK

SOIL/SEDIMENT SAMPLING FORM

Station ID P-7 M-5B5 Date 1/19/89

Sampling Time 1723

Collected by D. WEST

ESE Sample Number M585B2A

Sample Splits Collected for N/A

P78-S*64
P78-G-S*9
P78-G-S*100

Fraction Sampled (SV) (SS) (SS)

Visual Appearance of Sample clay loam & sandy clay loam - pebbles
& fractured rock fragments.

Sampling Location Borehole @ 25-26 1/2 ft.

Sampling Method Collect from split spoon

Weather Conditions Now Cloudy - cold.

Precipitation Past Day none.

Comments/Remarks

Collected by [Signature] 1/19/89
Signature Date
Checked by [Signature] 1/25/89
Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID M-585B2B
P-7 (M-585)

Date 1/20/89

Sampling Time 1124

Collected by D. WEST

ESE Sample Number P78-S*65-
M585B2B

Sample Splits Collected for N/A DUPE P78-S*86-SV (1)
P78-S*86-SS (2)

Fraction Sampled (SV) (SS) (SS) Dupe fractions: (SV) (SS) (SS)

Visual Appearance of Sample gravelly sandy loams w/ cobbles;
sunstone bedded in split spoon.

Sampling Location borehole - at 50-51½ ft. & 51½-53

Sampling Method Collect from split spoon.

Weather Conditions Now clear - cold

Precipitation Past Day none

Comments/Remarks 2 drives necessary to collect dupe samples.
One dupe SS fraction bottle broke in eddy cooler; repacked
the sediments in new bottle - label marked as "DUP-B"
"P78-S*86-SS-B"

Sediments from 50-53 composited for SS fractions.
SV fractions were both collected from 50-51½ ft.

Collected by [Signature] 1/20/89
Signature Date

Checked by [Signature] 1/25/89
Signature Date

SOIL/SEDIMENT SAMPLING FORM

Station ID P-7
(M-585)

Date 1/20/89

Collected by D. WEST

ESE Sample Number M585 B2C
P-78-S*66

Sample Splits Collected for N/A

Fraction Sampled (SV) (SS) (SS)

Visual Appearance of Sample Sandy loam w/ gravels - many clastic
pebbles, chert, sandstone, hematite

Sampling Location Borehole @ 76½ - 78 ft.

Sampling Method Collect from split spm

Weather Conditions Now clear/cloudy - cold

Precipitation Past Day none

Comments/Remarks no recovery 75-76½ ft. ; 2nd drive at
76½ ft - 78 ft. necessary to collect samples.

Collected by [Signature] 1/20/89
Signature Date

Checked by [Signature] 1/25/89
Signature Date

RECORD OF ACTIVITIES AT WELL SITE
FIELD SAMPLING DATA SHEET

Page 1 of 1

Well Number P7 Location M-585 Date 1/28/89
Project PLANT 78 Project No. 89946 Samplers C. Dreier R. Chesson
Station Elevation _____ Well Stick Up 2.45 Supervisor C. Dreier
Well Depth 90.5 Casing Diameter 4" Water Level (From TOC) 75.00 (1-27-89) *
Gallon Water/Ft. 0.653 Casing Volume 30 gal Screened Interval _____
PID Readings (Bkgnd) 0.1 TOC 5 ppm

pH Beckman 5# 016084
FIELD CHEMISTRY Cond. CM 5# 14274

Calibration: Time 1000 pH 7.00 - 7.02 at 18.1 °C pH 10.00 - 10.12 at 14.7 °C
Conductance: Standard 1413 umhos/cm at 25 °C Reading 1413 umhos/cm at 25 °C
D.O. Meter: NA mg/l at NA °C

Condition of Well newly good - recently installed (1/25/89)

Time	Pumping Rate gpm	D.O. mg/l	pH	Temp. °C	E.C. umhos/cm at °C	Cum. Vol. of H ₂ O Removed		PID Reading		Comments
						gallons	Casing Vols.	Loc.	Value	
1410	1.5	N/A	7.22	25.3	10270	3500	0	0.1	7 ppm	Clear
1440	1.5	N/A	7.18	25.3	10180	30	1	0.0	11 ppm	Clear
1508		N/A	7.27	25.3	10360	60	2	0.4	9 ppm	Clear
1535		N/A	7.28	25.3	10360	90	3	0.6	12 ppm	Clear
1605		N/A	7.30	25.3	10640	120	4	0.4	8 ppm	Clear
1636		N/A	7.26	25.3	10330	150	5	0.3	4 ppm	Clear
CDD										

Remarks: * Pump left in hole after development - no level measured
81.6' H₂O level 1659 / 1/28/89

FIELD EQUIPMENT

pH meter Beckman Serial No. 016084
E.C. meter CM Serial No. 14274
Pump GRUNDFOS 7.9pm Serial No.
Water Level Meter Solinist Serial No.
D.O. Meter N/A Serial No.
Filter Apparatus N/A Filters
Temperature Measure W/ PH METER
Bailer 2" Teflon Dedicated Size 2"

SAMPLING DESCRIPTION:

Fractions: 00000 W W DB DC NF CS GCMS Dup. 0
No. of Bottles 8 plus rinsewater blank *
Sample Depth Approximately 89 ft.
Field Notebook No.
Sample Method dedicated bailer
Discharge H₂O Containerized Yes ☒ No.

Checked C. Dreier 1-28-89

* COLLECTED RINSEWATER BLANK P78-RWBX3 PRIOR TO
COLLECTING SAMPLE (1200)

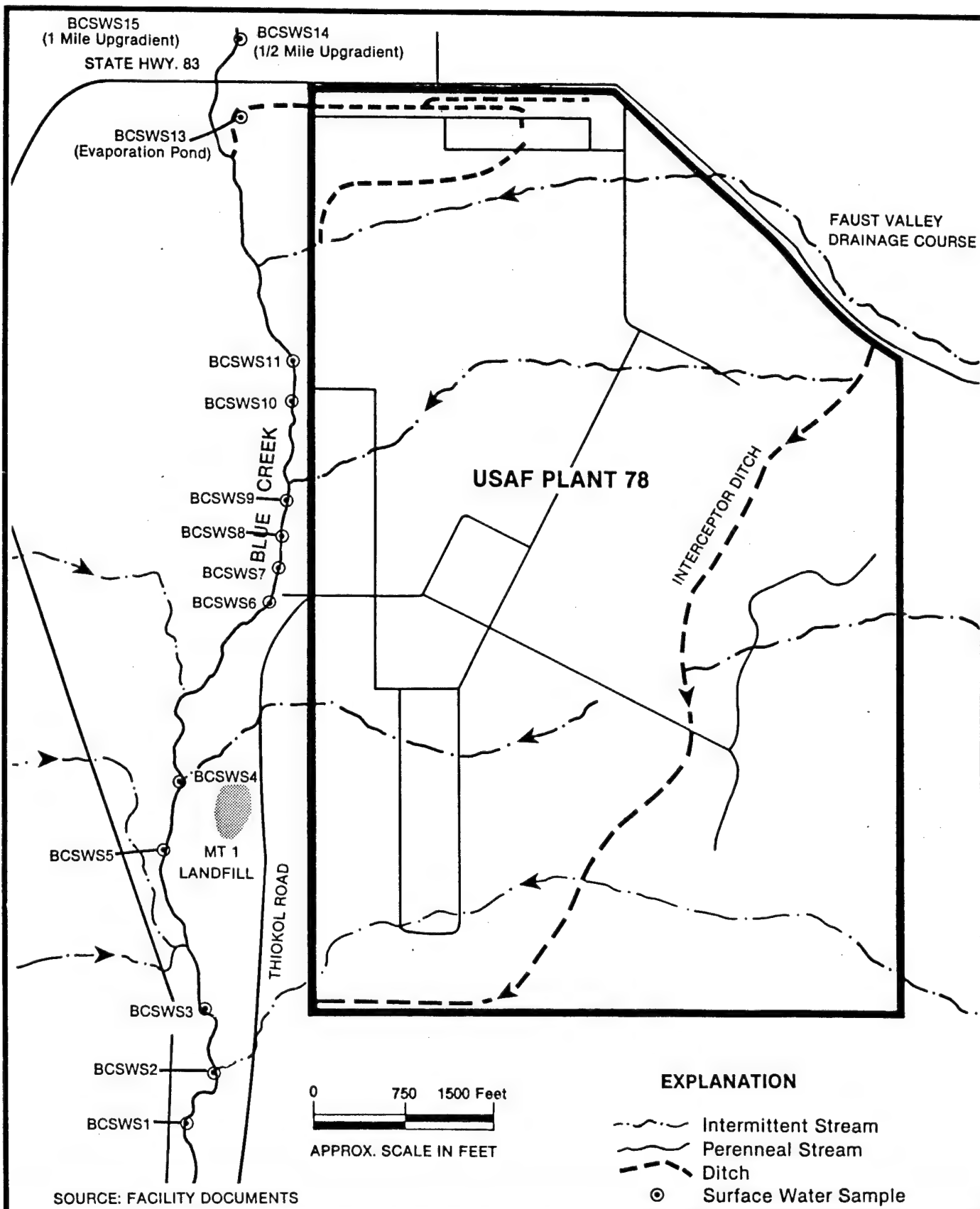


Figure 1
BLUE CREEK SURFACE
WATER SAMPLES

U. S. AIR FORCE
PLANT 78

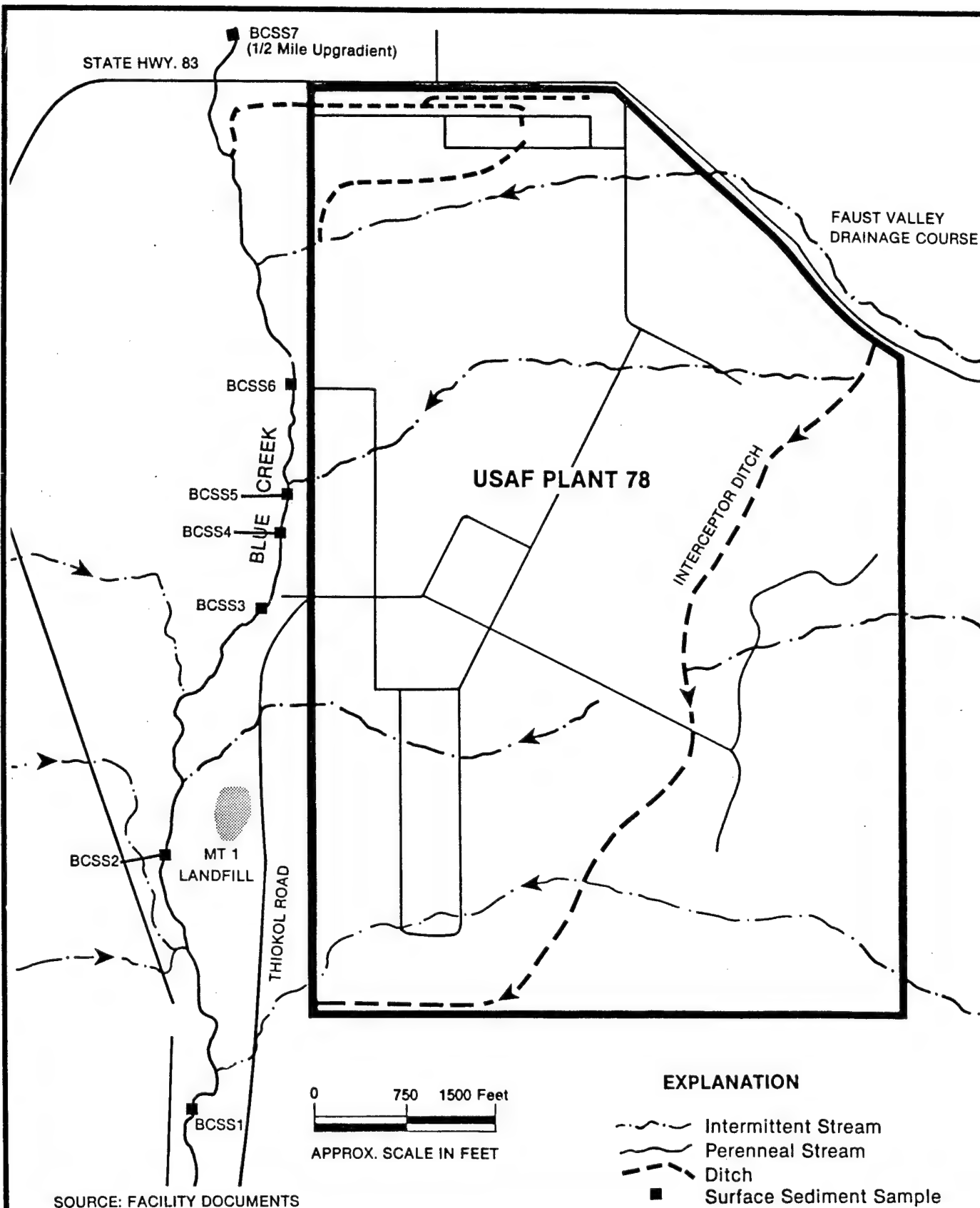
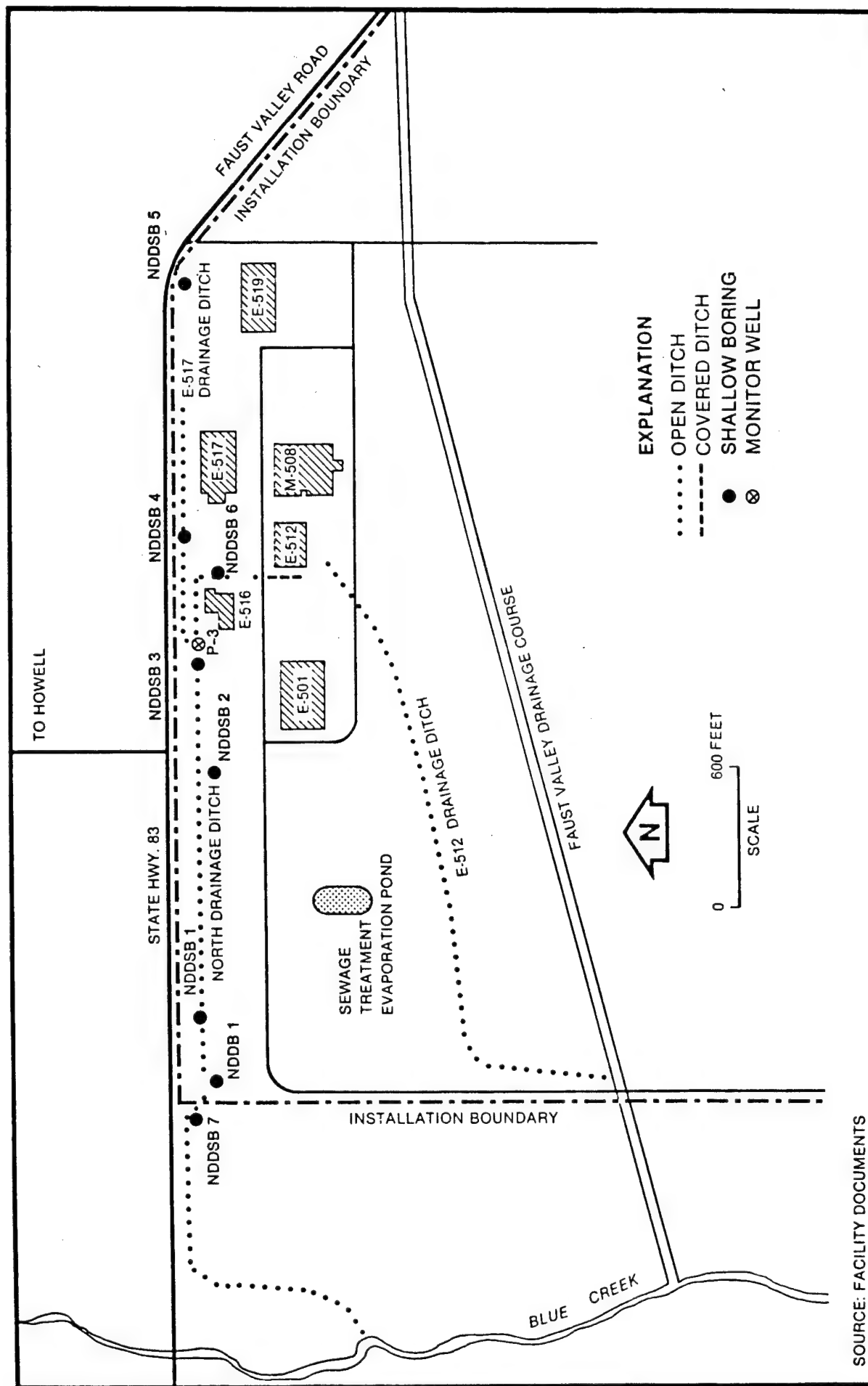


Figure 2
BLUE CREEK SURFACE
SEDIMENT SAMPLES

U. S. AIR FORCE
PLANT 78



U. S. AIR FORCE
PLANT 78

Figure 3
NORTH DRAINAGE DITCH
SAMPLE LOCATIONS

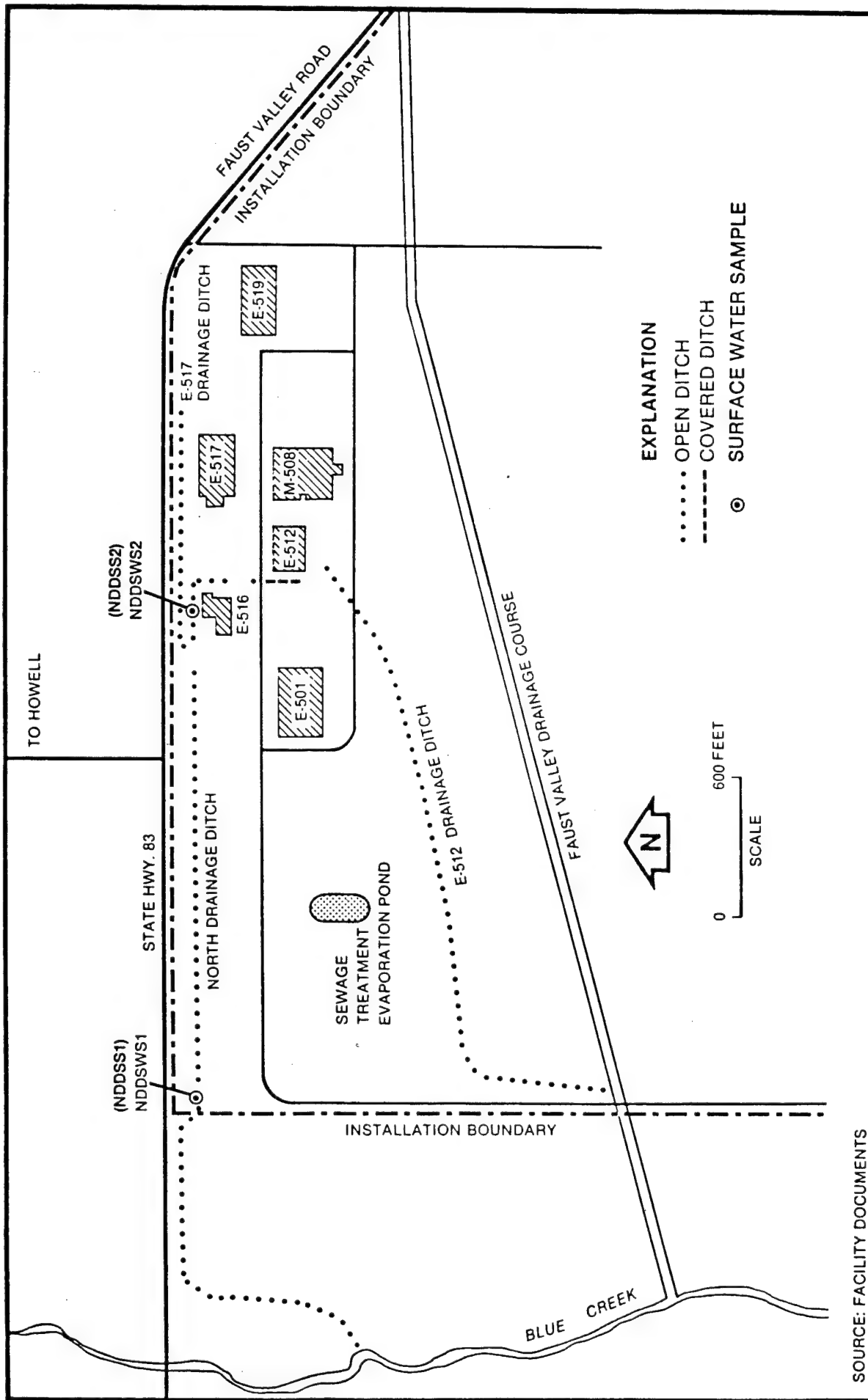
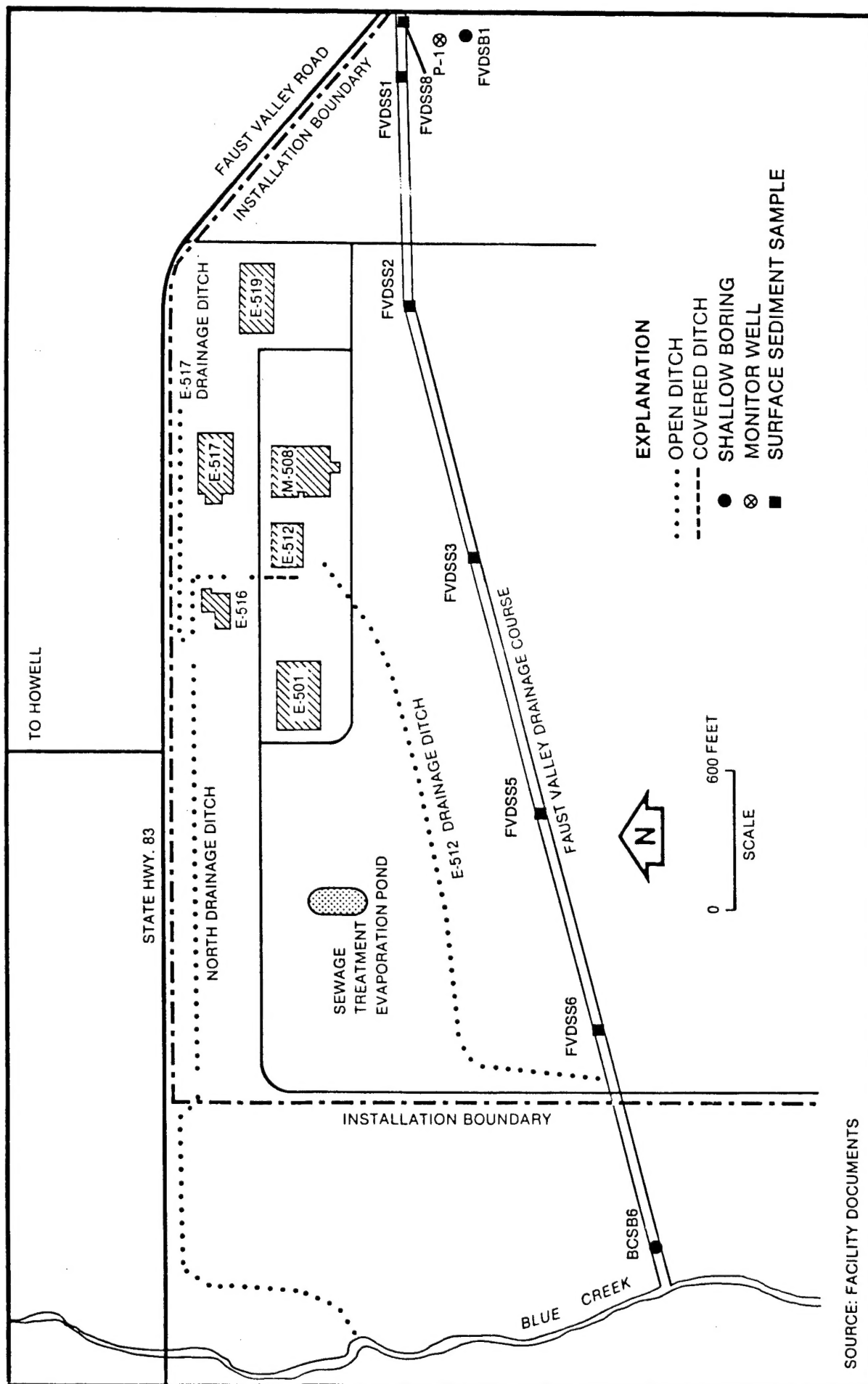


Figure 4
NORTH DRAINAGE DITCH
SURFACE WATER AND SURFACE
SEDIMENT SAMPLES

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PLANT 78



SOURCE: FACILITY DOCUMENTS

U. S. AIR FORCE
PLANT 78

Figure 5
FAUST VALLEY DRAINAGE
DITCH SAMPLE LOCATIONS

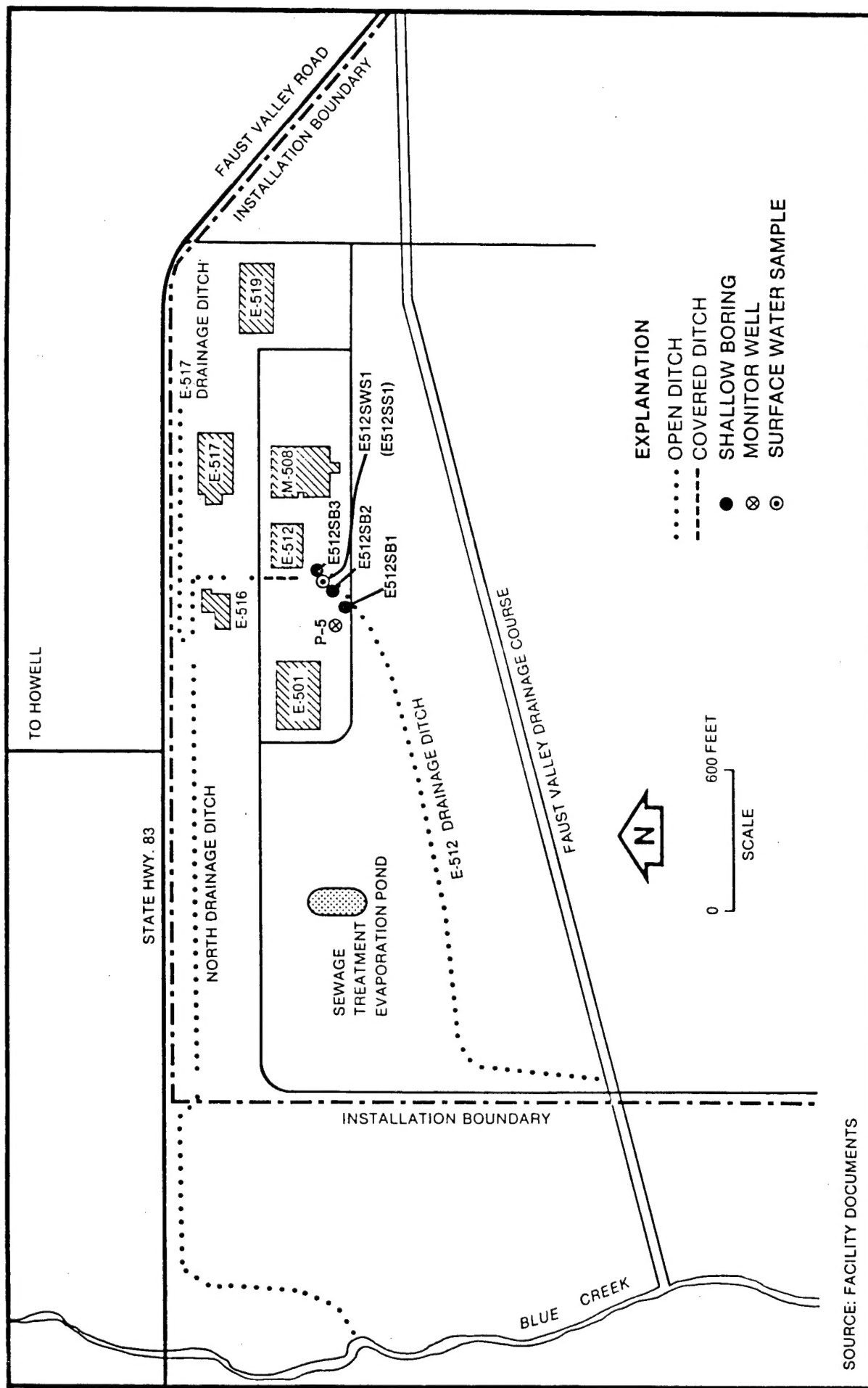


Figure 6

E-512 DRAINAGE DITCH
SAMPLE LOCATIONS

U. S. AIR FORCE
PLANT 78

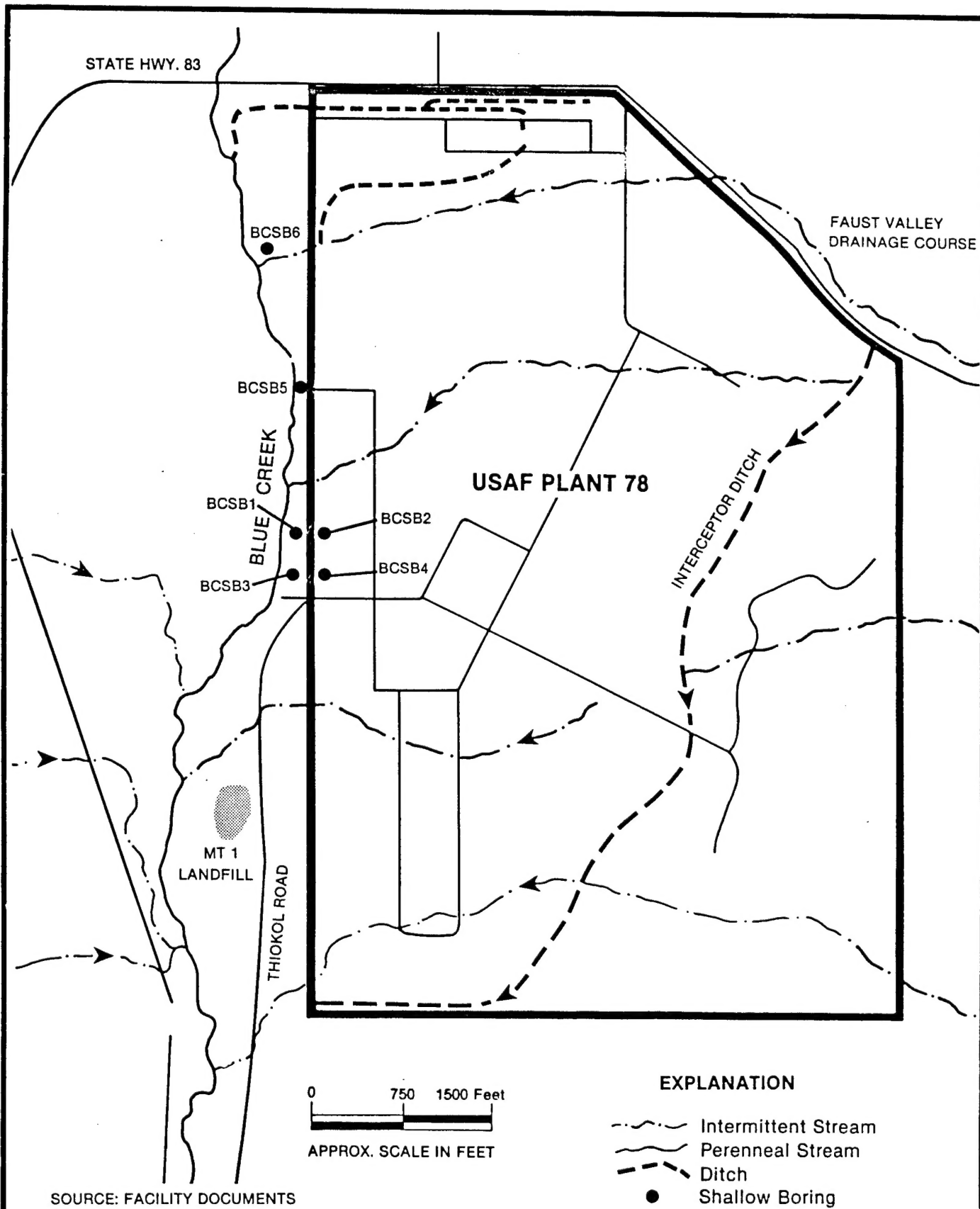


Figure 7
BLUE CREEK SHALLOW
BORING LOCATIONS

U. S. AIR FORCE
PLANT 78

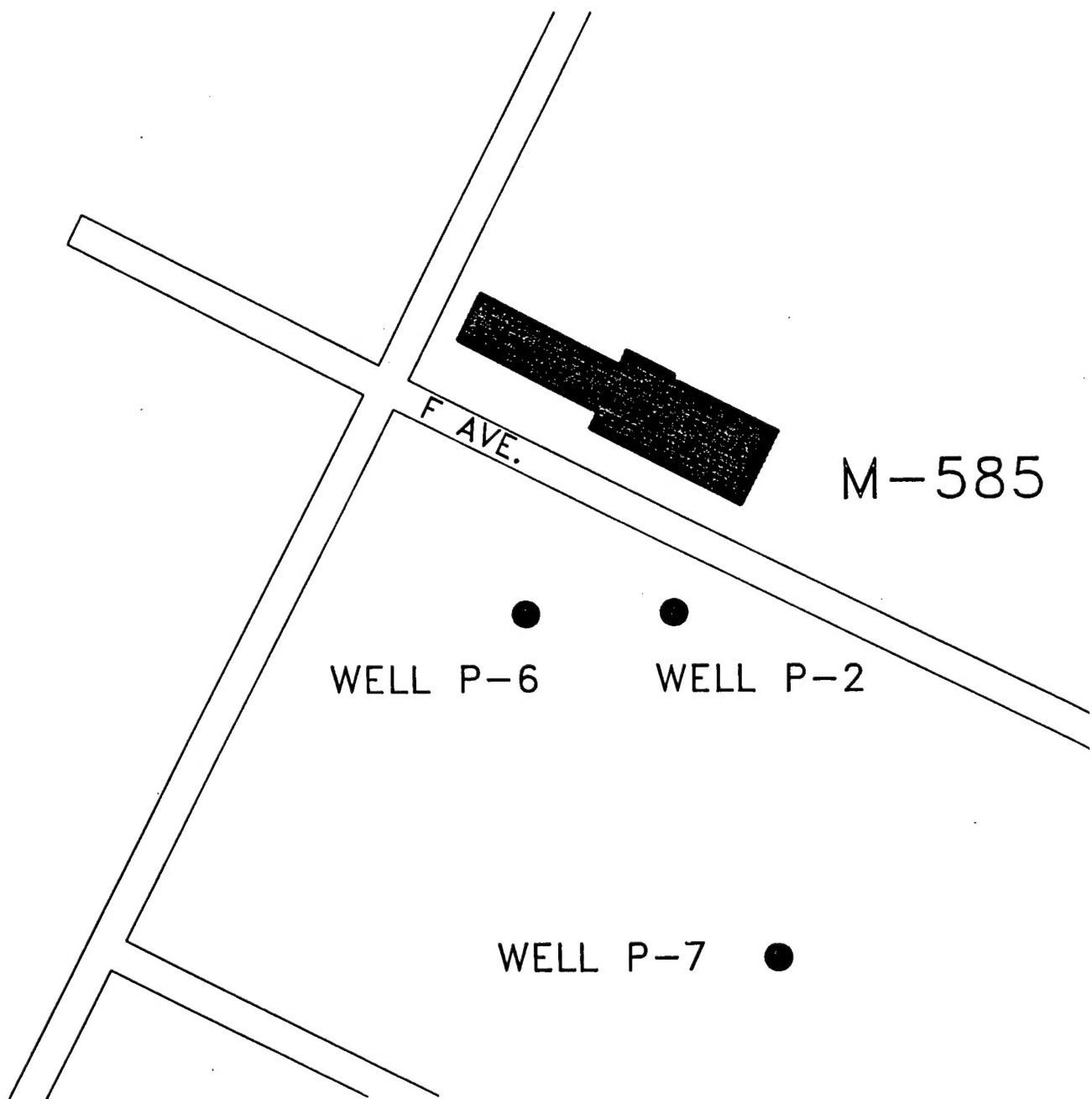


Figure 8
M-585 SAMPLE LOCATIONS

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